



Gas Detection Solutions Catalogue

Dräger

Technology for Life

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Welcome

Dräger is a leading international company in the fields of medical and safety technology. Founded in Lübeck in 1889, Dräger has grown into a worldwide enterprise in its fifth generation as a family-run business. Our long-term success is predicated on a value-oriented corporate culture with four central strengths: close collaboration with our customers, the expertise of our employees, continuous innovation and outstanding quality.

“Technology for Life” is our guiding principle. Wherever they are deployed – in clinical settings, industry, mining or emergency services – Dräger products protect, support and save lives.

We are helping the
world move one step
closer to making
“Vision Zero” a reality.





Dräger Services

Discover our extensive range of services beyond our technology. Elevate your operations with our support: from ensuring maximum uptime and seamless installations to expert training and harnessing data for efficiency gains. Let us handle the details while you focus on what matters most – your core business.

Maintenance & Repair

Full operational readiness and regulatory compliance for all your devices.

Rental and Shutdown Services

Directly on-site and behind shutdowns for you. We've got you covered with our rental equipment.

Digital Solutions

Integrated systems to support your processes and increase efficiency.

Training

Ensure the correct and safe use of your devices because safety is more important than ever before.

Consultancy Services

Starting with an in-depth analysis of the current situation and clear understanding of your needs, we deliver comprehensive insights and concepts to improve safety on-site.

Multi Brand Servicing (MBS)

Servicing and maintenance of non-Dräger equipment.



Dräger Academy

Training in safety technology is more important today than ever before. You need well-trained staff and a strong safety culture to control hazards and run your business safely.

Our training courses help to avoid mistakes and reduce uncertainty. As a globally recognized expert, Dräger offers comprehensive knowledge of hazardous substances, firefighting, gas detection technology and PPE. We equip your employees with the practical knowledge they need to overcome daily challenges and specific safety risks.

Products & application

From gas detectors to personal protective equipment: in compact product-related training courses, you will learn about the possible uses and functions of your devices and practise using them correctly - until every move is right.

Simulation & PPE training

For dangerous operations, procedures must be immediately available under stress. Our simulation systems for fire scenarios and working in confined spaces offer realistic training. Our mobile systems even come to you on site for maximum convenience.

Laws & regulations

Practice-oriented seminars provide you with an overview of the relevant laws and regulations in your sector and region. With illustrative examples, we give you concrete suggestions on how you can incorporate these into your area of responsibility.

Maintenance, inspection & servicing

Well-founded specialist knowledge for appliance maintenance and workshop personnel: training participants learn how to carry out tests, recognize faults and initiate or carry out the necessary maintenance, inspection and servicing work themselves.

Leading & controlling

When it comes down to it, every move has to be right - for management personnel and emergency services alike. You can train for emergencies: The Dräger Academy has the right course for everyone.

Dräger VOICE – from hazardous substances to the right protection

Dräger VOICE supports you in handling hazardous substances safely. With just one click, you can access relevant information on 1,500 hazardous substances and receive customised recommendations for your safety equipment. Try it – it's really simple!



You know what

You know best which hazardous substances you deal with daily. Just enter the substance into the database, and Dräger VOICE will recognize its chemical properties and workplace limits.

We know how

Dräger VOICE tells you how to best protect yourself and your team, and in doing so, provides you with the knowledge you need to keep yourself and your team safe. This online tool recommends suitable gas detection technology, respiratory protection and protective suits.

Expert knowledge is always available!

With Dräger VOICE, you can quickly and easily navigate through our protection portfolio. Use our hazardous substance database on the go or at your desk to access specific information on the safe handling of hazardous substances.



Find the most important information and specific recommendations for over 1,500 hazardous substances in our free database. Dräger VOICE: your hazardous substance-based product finder.

draeger.com/VOICE



Dräger
voice



Dräger Gas Detection Car – Mobile Expertise for Your Industry.

In every industry – from oil & gas to pharmaceuticals, chemicals, food & beverage, and water treatment – gas hazards are real and often invisible. Whether it's flammable vapors, toxic substances, or oxygen deficiency, these dangers don't just threaten lives – they jeopardize your productivity and compliance.

The Dräger Gas Detection Car brings our full portfolio of gas detection technology directly to your site – customized for your industry.



On board: everything from compact single-gas detectors to complex fixed systems tailored for large-scale operations. Our team of experts doesn't just demonstrate products — we consult, evaluate your specific risks, and recommend solutions that are safe, reliable, and cost-effective.

Why customers trust us:

- Lifetime sensors and low total cost of ownership
- Certified, ATEX-compliant technology
- Market-leading precision and fewer false alarms
- Wireless solutions and smart data connectivity
- Built for harsh environments – proven performance where others fail

“
**Protect Your Team.
 Secure Your Operations.
 Detect, Monitor & Visualize Gases.
 For Your Safety.**
 ”



Don't wait for danger to strike. Let us help you stay ahead. Book your customized Gas Detection Car visit now!





Welcome to Dräger Fixed Gas Detection Systems

Definition and purpose

- Fixed gas detection systems continuously monitor environments for gas hazards.
- Designed to detect flammable, toxic gases, and oxygen levels, ensuring safety.

Dräger's Expertise

- Over 80 years of pioneering advancements in gas detection technology.
- Consistent development of products that set industry standards.
- Customized solutions for varied industrial safety needs.

Importance of Gas Detection Systems

- Essential for safeguarding industrial environments
- Critical in preventing gas hazards and ensuring operational safety
- Protects assets, personnel, and ensures regulatory compliance

Dräger Fixed Gas Detection

What makes a real difference in general



Safety

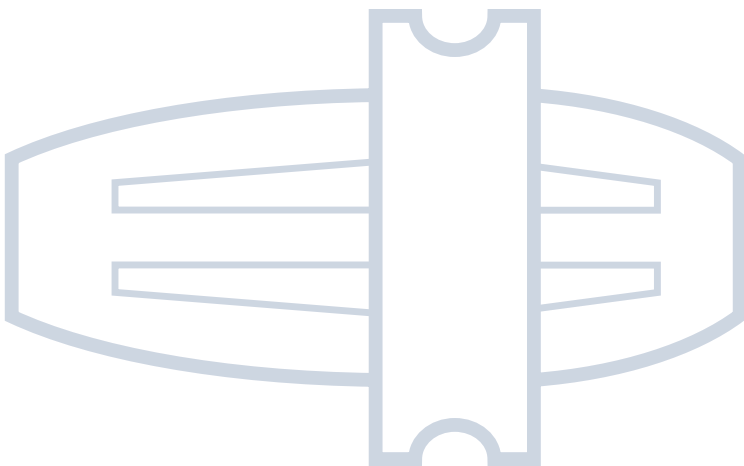
- **Safety Compliance:**
Full compliance with industry safety standards and regulations
- **Trusted advisor:**
Advice of detection performance for specific customer safety tasks
- **Documentation:**
Easy access to technical documentation and certificates, e.g., via Service Connect

Expertise

- **Engineering:**
Expert knowledge and expertise provided throughout all project phases
- **Global Service Network:**
Access to Dräger's worldwide service network for reliable support and technical assistance
- **Training:**
Training for effective usage and maintenance

Cost of ownership

- **Quality:**
High performance of sensors and transmitters ensures uptime
- **Long Life-Time:**
Extended lifespan of sensors and transmitters reduces replacement costs
- **Automated Services:**
Automation of services enhances efficiency (e.g., calibration and configuration check)



Waste water

For the disinfection and reprocessing of water, various chemical substances are used, such as Cl_2 , SO_2 , O_3 , and ClO_2 . Each must be monitored during storage and use.



Your challenge:

- Storage of various gases
- Determination of measuring points and distances under cost aspects
- Harsh and unclean environment for the transmitter



Our solution:

- One partner for consulting, installation, commissioning and maintenance
- Especially durable electrochemical sensors, also for H_2S
- Specific sensors for disinfection, especially ozone and chlorine
- Individual determination of alarm levels
- Account for the special requirements of the application in terms of durability, without neglecting the cost aspect
- Timely alerting leads to timely initiation of countermeasures

Ammonia cooling

In the food and beverage industry, ammonia is often used for cooling during the production process. It must be continuously stored and monitored.



Your challenge:

- Ammonia is toxic, flammable, corrosive, and has a destructive effect on plant components and cooled goods
- Leaks must be detected as early as possible
- During production, ammonia is under pressure in the cooling, increasing the risk of leakage



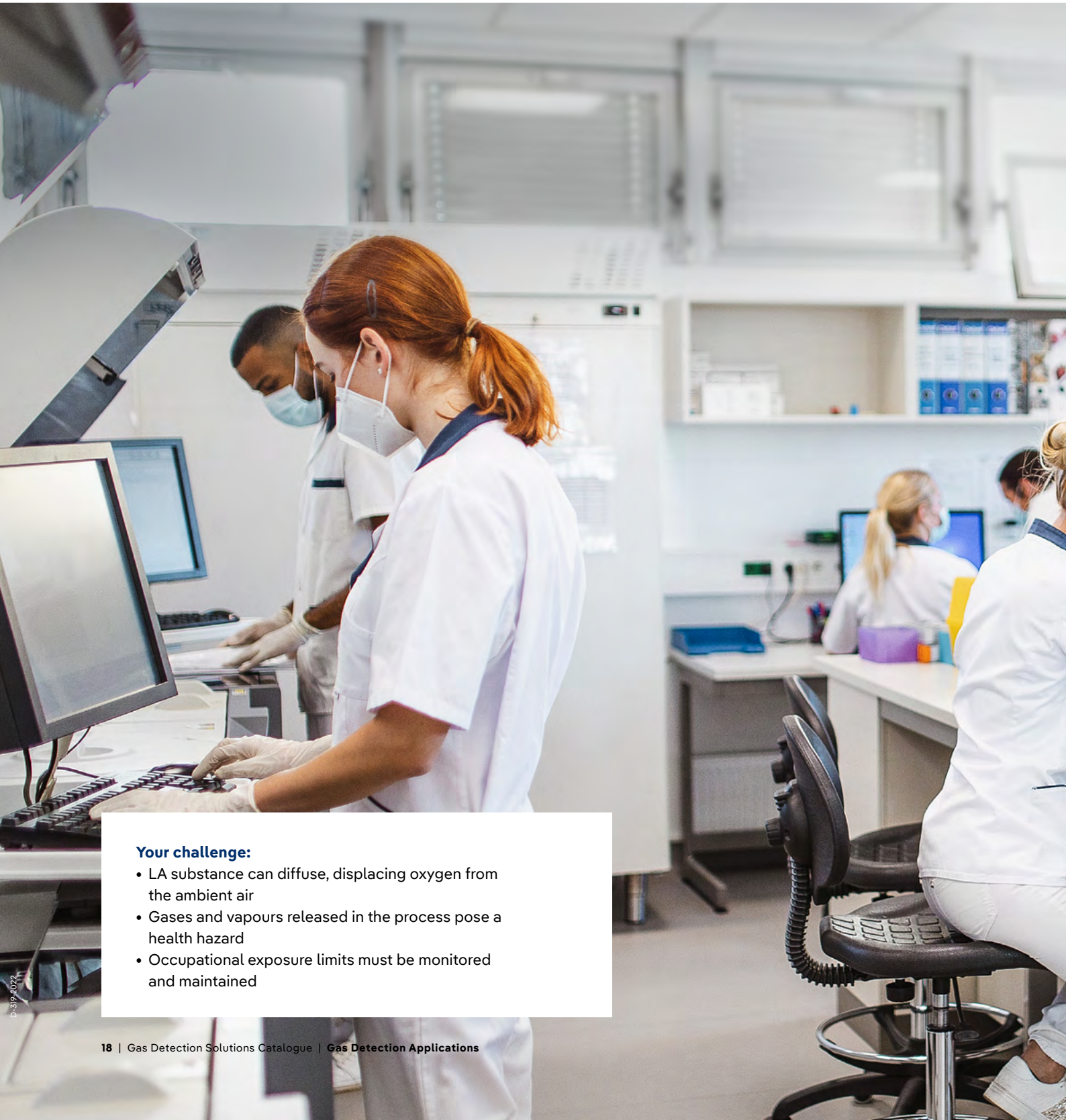
Our solution:

- Durable electrochemical sensors including for ammonia
- Adjustable alarm levels to detect leakage at an early stage
- Individual advice on the position and quantity of measuring points
- Determination of automatic countermeasures based on the specific situation
- One partner on site for consultation, installation, commissioning and maintenance



Laboratories

A broad range of substances are used in laboratories.
They can harm employees by themselves, or through oxygen displacement.



Your challenge:

- LA substance can diffuse, displacing oxygen from the ambient air
- Gases and vapours released in the process pose a health hazard
- Occupational exposure limits must be monitored and maintained



Our solution:

- Continuous monitoring of occupational exposure limits
- Displays and alarm devices to warn of contaminated rooms
- Durable sensors for various gases and vapours, as well as oxygen monitoring



Hydrogen applications

Hydrogen is a key element for a successful energy transition. But it comes with unique safety requirements.



Your challenge:

- Hydrogen is the smallest of all molecules, and can easily penetrate materials and embrittle them under certain conditions
- Due to the small molecular size and low viscosity, hydrogen can quickly escape from compressed gas lines and containers
- Hydrogen is colourless and odourless
- The hydrogen flame is very pale, and often not visible in daylight
- Hydrogen is flammable and explosive under certain conditions



Our solution:

- A comprehensive portfolio of catalytic and durable electrochemical sensors, as well as ultrasonic detectors
- Holistic and customised solutions, such as suction units
- Gas detection technology is part of the primary explosion precautions, to prevent explosive atmospheres from occurring in the first place

Pharma sterilisation

H₂O₂ vapour is often used for sterilisation in the pharma industry. Very few manufacturers offer a sensor for measuring H₂O₂ and sensor calibration with the target gas – but we do.



Your challenge:

- Limited space makes sensor placement difficult
- Potential damage to transmitter and sensor by H₂O₂ vapour, dynamic range of H₂O₂ concentrations – from sterilization to clearance measurement
- International QA/QC requirements and documentation



Our solution:

- Development and production of H_2O_2 sensors
- Two measuring ranges for different applications (HC – High Concentration and LC – Low Concentration)
- Highly robust materials suitable for the application
- Operation with remote sensors in case of confined spaces
- Our accredited laboratory calibrates and adjusts your sensors and issues the necessary documentation

Tank farms

A large quantity of gases or liquids must be stored, all of which have a flammable potential. Possible leaks pose a high danger for the staff and production site.



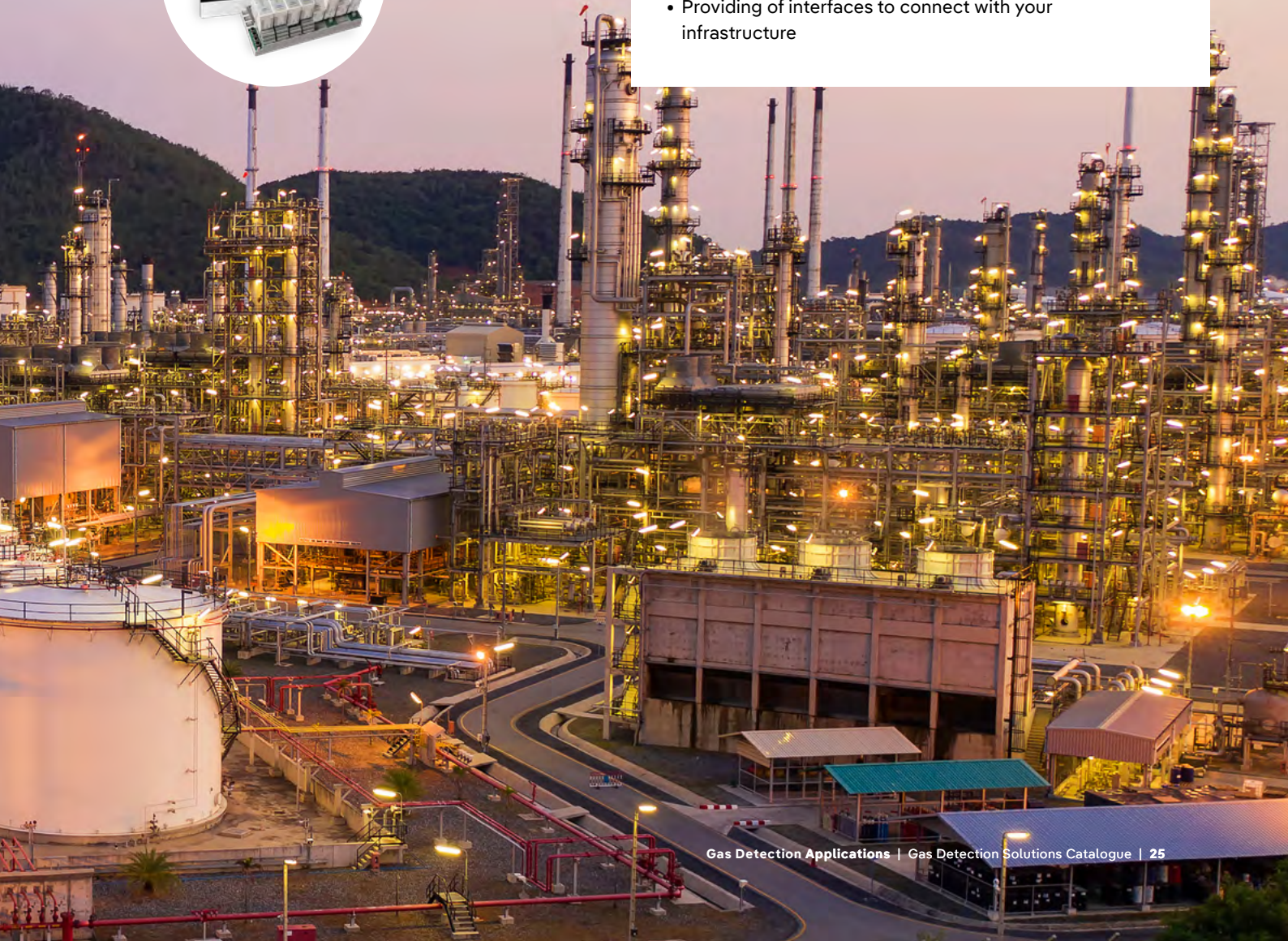
Your challenge:

- Dimensions of the plant result in a large monitoring area
- Long distances to production site and existing infrastructure
- Entire tank must be monitored
- Highest possible degree of safety for reasonable costs
- Integration of a new system into existing infrastructure



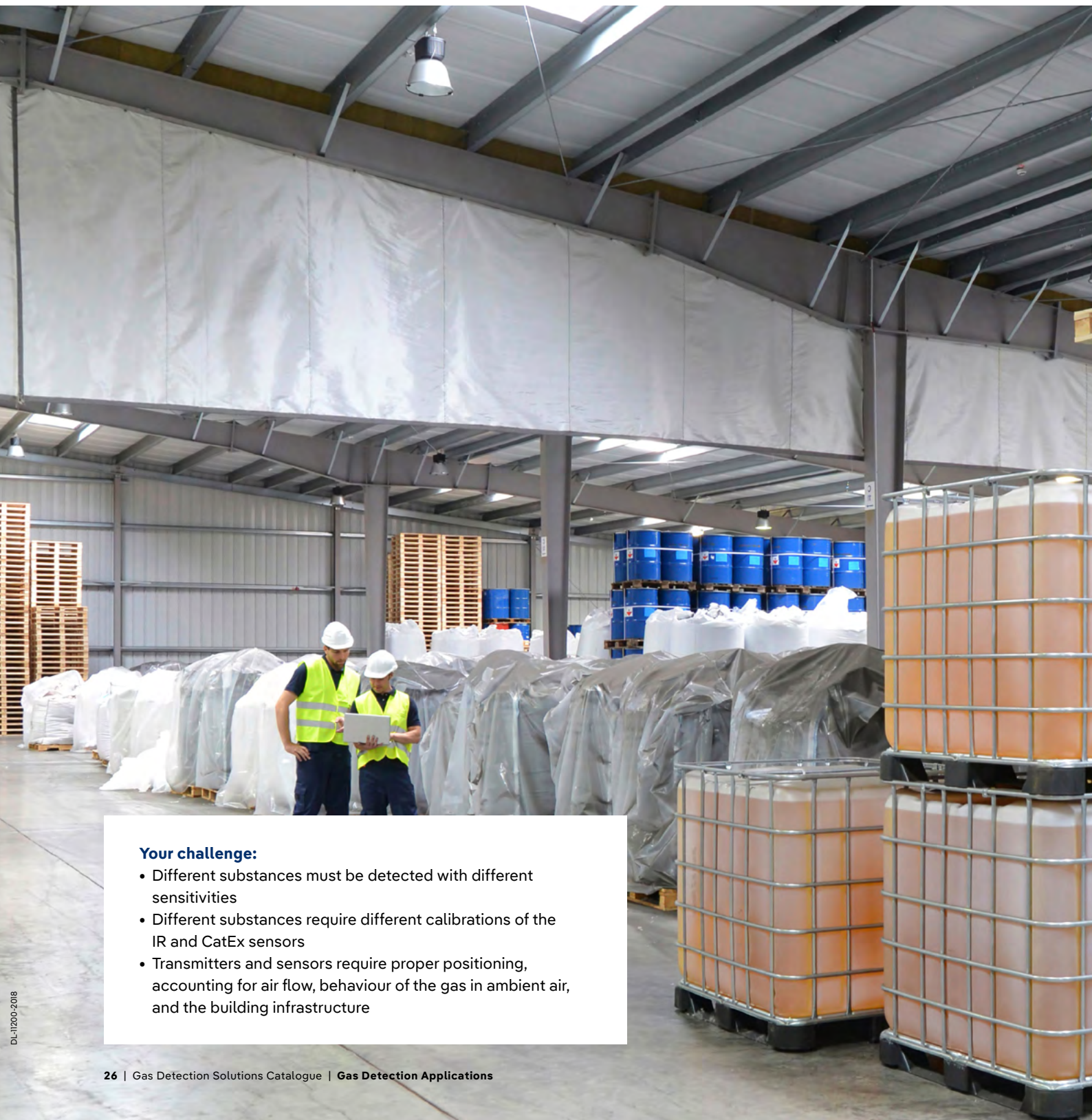
Our solution:

- Consulting, installation, commissioning, training and instruction, maintenance, extension and modification, all from one partner
- Reliable and proven technology for point, open-path, ultrasonic and flame detection
- Wired or wireless installation
- Stand-alone, centralised and/or decentralised evaluation of the detection signal
- Providing of interfaces to connect with your infrastructure



Solvent storage

Many different substances are stored in one place. Container leakage can cause an acute health or fire hazard for personnel and the facility.



Your challenge:

- Different substances must be detected with different sensitivities
- Different substances require different calibrations of the IR and CatEx sensors
- Transmitters and sensors require proper positioning, accounting for air flow, behaviour of the gas in ambient air, and the building infrastructure



Our solution:

- A wide range of different IR and CatEx sensors
- Vast experience in the effective placement of sensors and transmitters
- Positioning of transmitters according to the spatial requirements
- Competent advice on the individual measuring points
- Variety and quality of sensors – all necessary sensor technologies are available
- Service from commissioning to maintenance



Advanced Sensor Technologies Sensor Types

Sensors are transducers that convert certain properties of gases into an electrical signal.

Three measuring principles:

- Electrochemical sensors for toxic gases
- Catalytic bead sensors for flammable gases
- Infrared sensors for toxic and flammable gases



99% of the sensors are developed and produced by Dräger in Lübeck.
The development and production of the sensors belongs to Dräger's core know-how!

Dräger Fixed Gas Detection

Value proposition in general



Small Systems

All in one solution

The PointGard series combines the functions of a transmitter, controller and alarm, offering easy installation and flexible usage options, including a mains-powered version and remote access to the sensor.



Sampling Systems

For gas conditioning

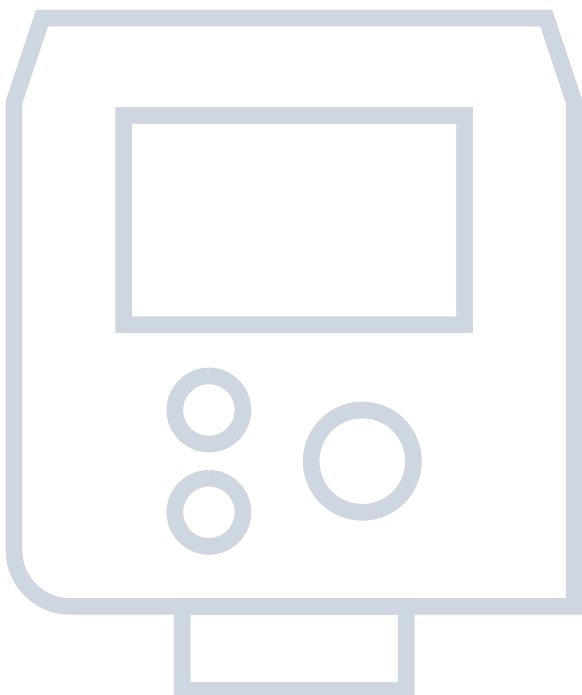
The Dräger Sampling Units are designed for the measurement of hazardous substances in hard-to-reach places and offer high flexibility thanks to a pre-installed mounting plate and compatibility with all Dräger transmitters.



Wireless Systems

For flexible and fast realization

Wireless transmitters provide safe and continuous monitoring of toxic gases and oxygen, with wireless signal transmission and a battery life of up to 24 months, making them a flexible and cost-effective solution for plant modifications.





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Wireless Gas Detection

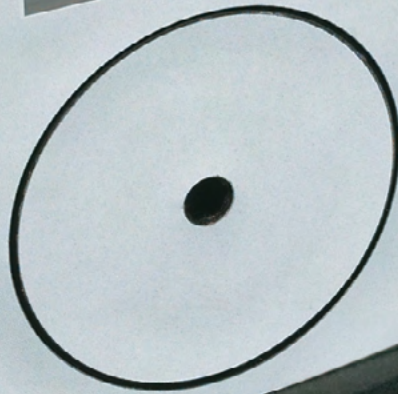
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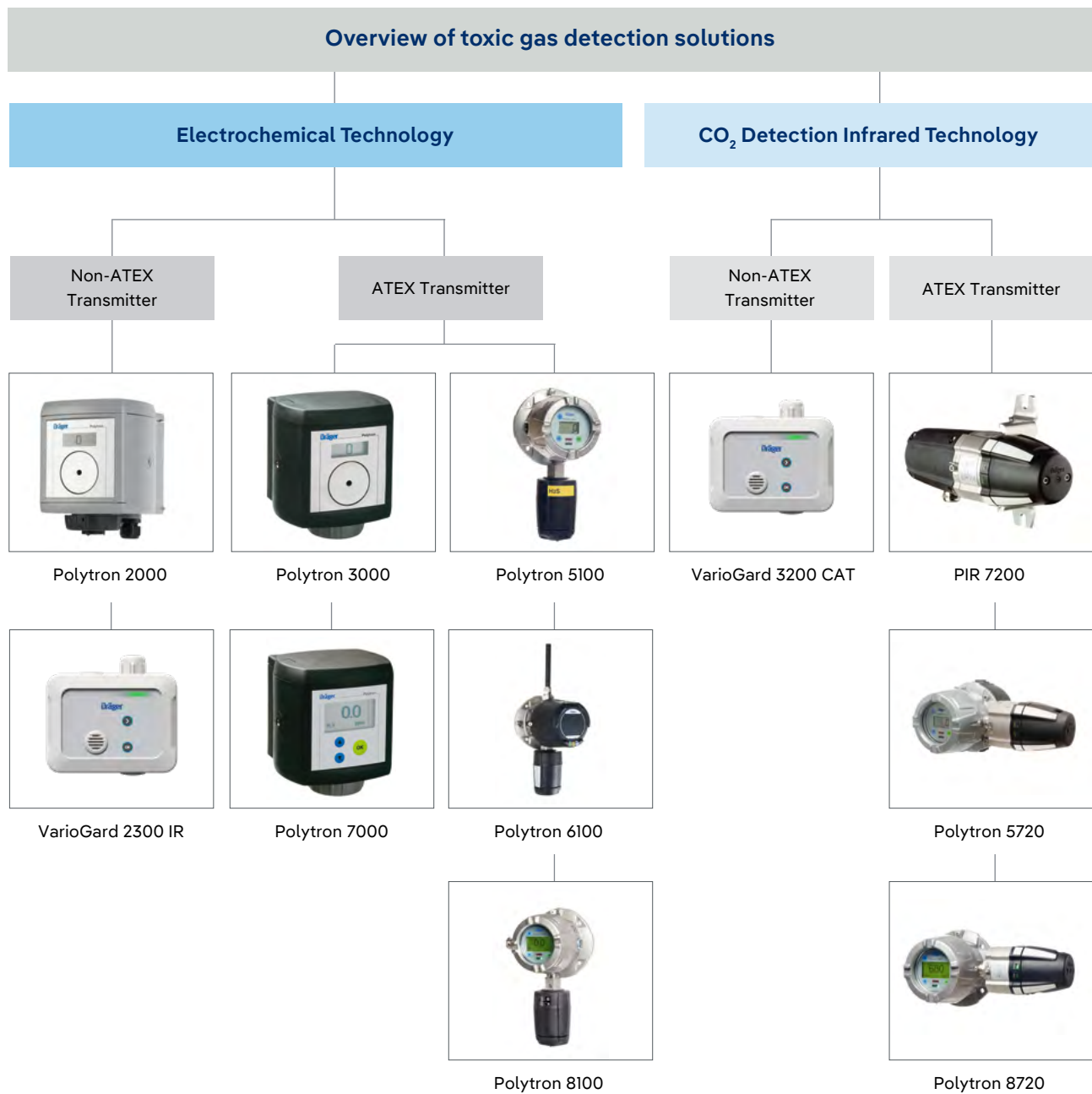
Dräger

Polytron

0



Overview of Dräger gas detectors



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 2000

The Dräger Polytron 2000 transmitter is a cost optimized general purpose transmitter for continuous monitoring of toxic gases and oxygen in ambient air. The compact housing consists of two parts: the “Polytron docking station” and the “Polytron 2000” device.

The high measuring performance is based on the new DrägerSensor MEC which needs to be adapted to each Polytron 2000 with a MEC-key!



Transmitter			
Dräger Polytron 2000 CO 1000 ppm	8323681	340	1
Dräger Polytron 2000 CO 300 ppm	8323684	340	1
Dräger Polytron 2000 H ₂ S LC 20 ppm	8323685	340	1
Dräger Polytron 2000 H ₂ S LC 100 ppm	8323688	340	1
Dräger Polytron 2000 NH ₃ LC 200 ppm	8323689	340	1
Dräger Polytron 2000 NH ₃ HC 1000 ppm for use with DrägerSensor NH ₃ HC 6809645	8323741	340	1
Dräger Polytron 2000 NH ₃ TL 100 ppm	8328624	340	1
Dräger Polytron 2000 NH ₃ TL 300 ppm	8328625	340	1
Dräger Polytron 2000 NO 20 ppm	8328631	340	1
Dräger Polytron 2000 O ₂ LS 25 Vol.-%	8323747	340	1
Dräger Polytron 2000 O ₂ 25 Vol.-% for use with DrägerSensor O ₂ 6809720	8323745	340	1
Dräger Polytron 2000 Cl ₂ 10 ppm	8323750	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor MEC Cl ₂	6812745	367	1
DrägerSensor MEC CO	6812730	367	1
DrägerSensor MEC H ₂ S	6812735	367	1
DrägerSensor MEC NH ₃	6812750	367	1
DrägerSensor MEC NO	6812785	367	1
DrägerSensor MEC O ₂	6812740	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor O ₂	6809720	367	1
Accessories			
Docking Station Polytron 2000	8323677	340	1
Splash guard	6812510	348	1
Dräger PSD 3000	8319270	348	1
MEC-Key	6812695	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 3000

The Dräger Polytron 3000 transmitter is an intrinsically safe gas detector for continuous monitoring of toxic gases and oxygen in ambient air. The compact housing consists of two parts: the “Polytron Docking Station” and the “Polytron 3000” device. This two component concept and quick lock mechanism provides greater flexibility and simplicity for installation.

Designed for one-man calibration the Polytron 3000 can either accept a pre-calibrated sensor or the sensor can be calibrated with the unit.



Transmitter for Acidic Compounds			
Dräger Polytron 3000 AC 10 ppm	8316657	340	1
Sensor for Acidic Compounds			
DrägerSensor Acidic Compounds AC	6810595	367	1
Transmitter for Ammonia			
Dräger Polytron 3000 NH ₃ LC 100 ppm	8316637	340	1
Dräger Polytron 3000 NH ₃ HC 300 ppm	8316638	340	1
Dräger Polytron 3000 NH ₃ HC 1000 ppm	8316639	340	1
Dräger Polytron 3000 NH ₃ TL 100 ppm	8328620	340	1
Dräger Polytron 3000 NH ₃ TL 300 ppm	8328621	340	1
Sensors for Ammonia			
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
Transmitter for Carbon monoxide			
Dräger Polytron 3000 CO 100 ppm	8316632	340	1
Dräger Polytron 3000 CO 300 ppm	8316631	340	1
Dräger Polytron 3000 CO 1000 ppm	8316630	340	1
Dräger Polytron 3000 CO LS 300 ppm	8316633	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors for Carbon monoxide			
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
Transmitter for Chlorine			
Dräger Polytron 3000 Cl ₂ 1 ppm	8316647	340	1
Dräger Polytron 3000 Cl ₂ 10 ppm	8316648	340	1
Dräger Polytron 3000 Cl ₂ 25 ppm	8316649	340	1
Sensor for Chlorine			
DrägerSensor Cl ₂	6809665	367	1
Transmitter for Ethylene Oxide			
Dräger Polytron 3000 EO 50 ppm	8316658	340	1
Sensor for Ethylene Oxide			
DrägerSensor OV	6809615	367	1
Transmitter for Hydrogen			
Dräger Polytron 3000 H ₂ 1000 ppm	8316669	340	1
Sensor for Hydrogen			
DrägerSensor H ₂	6809685	367	1
Transmitter for Hydrogen Cyanide			
Dräger Polytron 3000 HCN 10 ppm	8328622	340	1
Dräger Polytron 3000 HCN 50 ppm	8328623	340	1
Sensor for Hydrogen Cyanide			
DrägerSensor HCN LC	6813200	367	1
Transmitter for Hydrogen Sulfide			
Dräger Polytron 3000 H ₂ S LC 20 ppm	8316634	340	1
Dräger Polytron 3000 H ₂ S LC 50 ppm	8316635	340	1
Dräger Polytron 3000 H ₂ S LC 100 ppm	8316636	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensor for Hydrogen Sulfide			
DrägerSensor H ₂ S	6810435	367	1
Transmitter for Hydrogen Chloride			
Dräger Polytron 3000 HCl 30 ppm	8316670	340	1
Sensor for Hydrogen Chloride			
DrägerSensor HCl	6809640	367	1
Transmitter for Nitric Oxide			
Dräger Polytron 3000 NO 20 ppm	3700766	340	1
Dräger Polytron 3000 NO LC 50 ppm	8316640	340	1
Sensor for Nitric Oxide			
DrägerSensor NO	6809625	367	1
Transmitter for Nitrogen Dioxide			
Dräger Polytron 3000 NO ₂ 5 ppm	8328618	340	1
Dräger Polytron 3000 NO ₂ 10 ppm	8328619	340	1
Sensor for Nitrogen Dioxide			
DrägerSensor NO ₂ LC	6813205	367	1
Transmitter for Oxygen			
Dräger Polytron 3000 O ₂ 25 Vol.-%	8316643	340	1
Dräger Polytron 3000 O ₂ LS 25 Vol.-%	8316645	340	1
Sensors for Oxygen			
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₂	6809720	367	1
Transmitter for Ozone			
Dräger Polytron 3000 O ₃ 0.5 ppm	8328632	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensor for Ozon			
DrägerSensor Ozone	6814005	367	1
Transmitter for Sulfur Dioxide			
Dräger Polytron 3000 SO ₂ 10 ppm	8316646	340	1
Sensor for Sulfur Dioxide			
DrägerSensor SO ₂	6809660	367	1
Docking Station	8317990	347	1
Safety barrier zone 2	8323873	340	1
Manuals (not included in transmitter)			
IFU Dräger Polytron 3000 - German	9023785	340	1
IFU Dräger Polytron 3000 - English	9033020	340	1
IFU Dräger Polytron 3000 - Spanish	9033021	340	1
IFU Dräger Polytron 3000 - French	9033022	340	1
IFU Dräger Polytron 3000 - Dutch	9033023	340	1
IFU Dräger Polytron 3000 - Swedish	9033024	340	1
IFU Dräger Polytron 3000 - Portuguese	9033385	340	1
IFU Dräger Polytron 3000 - Hungarian	9300612	340	1
IFU Dräger Polytron 3000 - Koreanisch	9300612	340	1
Accessories			
Splash guard AC L	6809379	348	1
Splash guard	6812510	348	1
Dräger PSD 3000	8319270	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1
Calibration-/process adapter AC L	6809380	348	1
Calibration-/process adapter 2 AC	8324093	348	1



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Klärgas

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Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 5100

The Dräger Polytron 5100 EC is a cost-effective explosion proof transmitter for the detection of toxic gas or oxygen. It uses a plug and play electrochemical DrägerSensor to detect a specific gas. 2 or 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5100 EC d A	8344860	370	1
Dräger Polytron 5100 EC d A relay	8344121	370	1
Dräger Polytron 5100 EC d S	8344862	370	1
Dräger Polytron 5100 EC d S relay	8344123	370	1
Dräger Polytron 5100 EC e A*	8344124	370	1
Dräger Polytron 5100 EC e A relay*	8344125	370	1

Polytron 5100 Configurator 8344500 Ex

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5100 d A 4-20mA Base Transmitter	PR00925		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
Please consult the General Accessories section for a list of replacement dust and selective filters			
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard (not compatible with all sensors)	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1
Duct adapter for EC sensing head remote (min 10 cm diameter)	8317617	348	1
Process adapter RS EC stainless steel remote sensor	8323404	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 5720

The Dräger Polytron 5720 IR is a cost-effective explosion proof transmitter for the detection of carbon dioxide gas using a PIR7200 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter (includes splash guard)			
Dräger Polytron 5720 IR d A	8344200	376	1
Dräger Polytron 5720 IR d A relay	8344201	376	1
Dräger Polytron 5720 IR d S relay	8344203	376	1

Polytron 5720 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5720 d A 4-20mA Base Transmitter	PR00930		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7200 (NPT)	PR00475		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7200 (already included w/ transmitter)	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7200 (already included w/ transmitter)	6811920	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Bump test adapter PIR 7200	6811930	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 7000

The Dräger Polytron 7000 is able to meet the requirements of the compliance market as well as the high specifications of customized solutions for the high end market. It is an intrinsically safe gas detector that can satisfy all toxic and oxygen gas measurement applications on a single platform.

Developed with an innovative modular design, there is now the flexibility to choose only the features that your application requires.



Transmitter			
Dräger Polytron 7000 Display 4 to 20 mA	8317610	347	1
Dräger Polytron 7000 Display 4 to 20 mA relay	8317636	347	1
Dräger Polytron 7000 Display 4 to 20 mA pump	8317637	347	1
Dräger Polytron 7000 Display 4 to 20 mA relay, pump	8317638	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART	8317710	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART relay	8317776	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART pump	8317777	347	1
Dräger Polytron 7000 Display 4 to 20 mA HART relay, pump	8317778	347	1
Dräger Polytron 7000 Display PB	8319430	347	1
Dräger Polytron 7000 Display PB relay	8319427	347	1
Dräger Polytron 7000 Display PB pump	8319436	347	1
Dräger Polytron 7000 Display PB relay, pump	8319438	347	1
Dräger Polytron 7000 Display FF	8319440	347	1
Dräger Polytron 7000 Display FF relay	8319428	347	1
Dräger Polytron 7000 Display FF pump	8319437	347	1
Dräger Polytron 7000 Display FF relay, pump	8319439	347	1
Dräger Polytron 7000 Display 4 to 20 mA and Sensor diagnostic dongle	8317980	347	1
Polytron 3000/7000 Docking Station (required for each transmitter)	8317990	347	1
Safety barrier zone 2	8323873	340	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Manuals (not included in transmitter)			
IFU Dräger Polytron 7000 - German	9023758	347	1
IFU Dräger Polytron 7000 - English	9033002	347	1
IFU Dräger Polytron 7000 - Spanish	9033003	347	1
IFU Dräger Polytron 7000 - French	9033004	347	1
IFU Dräger Polytron 7000 - Dutch	9033005	347	1
IFU Dräger Polytron 7000 - Swedish	9033006	347	1
IFU Dräger Polytron 7000 - Norwegian	9033007	347	1
IFU Dräger Polytron 7000 - Italian	9033384	347	1
IFU Dräger Polytron 7000 - Portuguese	9033386	347	1
Modules			
Pump module Polytron 7000	8317350	347	1
Relay module Polytron 7000	8317360	347	1
Dongles			
Data dongle Polytron 7000	8317618	347	1
Sensor diagnostics dongle Polytron 7000	8317860	347	1
Sensor test dongle Polytron 7000	8317619	347	1
Sensors			
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1
DrägerSensor N ₂ H ₄	6810180	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor Ozone	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Splash guard AC L	6809379	348	1
Splash guard	6812510	348	1
Set Hawke cable gland Polytron 3000/ 7000	8319029	348	1
Duct mount kit Polytron 3000/ 7000	8317150	348	1
Mounting set Polytron 2 IR/ 3000/ 7000	6809951	348	1
Calibration adapter V	6810536	348	1
Gassing adapter PE	6806978	348	1
Calibration-/process adapter AC L	6809380	348	1
Calibration-/process adapter 2 AC	8324093	348	1
Pump adapter Polytron 7000	8320900	348	1
Pump adapter AC Polytron 7000	8317976	348	1
Process adapter RS EC stainless steel	8323404	348	1
USB DIRA with USB cable	8317409	332	1
Polytron 7000 remote sensor adaptor	8317275	348	1
Polytron 7000 remote cable & plug 5 m	8317270	348	1
Polytron 7000 remote cable & plug 15 m	8317998	348	1
Polytron 7000 remote cable & plug 30 m	8317999	348	1
Polytron 7000 remote duct adapter	8317617	348	1
Cable entry set M20 Polytron 7000	8317282	348	1
Cable connector relay Polytron 7000	1890086	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 8100

The Polytron 8100 EC is Dräger's top of the line explosion proof transmitter for the detection of toxic gases or oxygen. It uses a high performance plug and play electrochemical DrägerSensor to detect a specific gas. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8100 and some DrägerSensors (marked by **) according to the guarantee card.



Transmitter			
Dräger Polytron 8100 EC d A 4-20/HART	8344403	372	1
Dräger Polytron 8100 EC d A 4-20/HART relay	8344404	372	1
Dräger Polytron 8100 EC d S 4-20/HART	8344412	372	1
Dräger Polytron 8100 EC d S 4-20/HART relay	8344413	372	1
Dräger Polytron 8100 EC e A 4-20/HART*	8344421	372	1
Dräger Polytron 8100 EC e A 4-20/HART relay*	8344422	372	1
Dräger Polytron 8100 EC e S 4-20/HART*	8344430	372	1
Dräger Polytron 8100 EC e S 4-20/HART relay*	8344431	372	1

Dräger Polytron 8100 Transmitter Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8100 d A 4-20mA/HART Base Transmitter	PR00889		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Dongles (optional: select one only. Data Dongle included in P8xx0)			
Sensor Diagnostic Dongle (only Polytron 8100)	PR00916		
Sensor Test Dongle (only Polytron 8100)	PR00917		
Sensors			
Please consult the General Accesories section for a list of replacement dust and selective filters			
Dräger SensorAlive H2S (the Bayonet ring 6800132 required for use)	6814014	367	1
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydrazin	6810180	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₃	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard (not compatible with all sensors)	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1
Duct adapter for EC sensing head remote (min 10 cm diameter)	8317617	348	1
Process adapter RS EC stainless steel remote sensor	8323404	348	1
Sensor Diagnostics Dongle (includes Sensor Test)	8317860	347	1
Sensor Test Dongle	8317619	347	1
Bayonet ring Dräger SensorAlive	6800132	348	1
Duct mount kit P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	394	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection

Dräger Polytron® 8700 IR

The Dräger Polytron 8700 IR is an advanced explosion proof transmitter for the detection of combustible gases in the lower explosion limit (LEL). It uses a high performance infrared Dräger PIR 7000 sensor, which will quickly detect most common hydrocarbon gases. Besides a 3 wire 4 to 20 mA analogue output with relays, it also offers HART®, Modbus and Fieldbus making it compatible with most control systems.



Dräger Polytron 8700 IR

(incl. splash guard and status indicator)

Dräger Polytron 8700 IR 334 d A 4-20/HART®	8344601		
Dräger Polytron 8700 IR 334 d A 4-20/HART® relay	8344602		
Dräger Polytron 8700 IR 334 d S 4-20/HART®	8344610		
Dräger Polytron 8700 IR 334 d S 4-20/HART® relay	8344611		
Dräger Polytron 8700 IR 334 e A 4-20/HART® (incl. Docking Station)	8344619		
Dräger Polytron 8700 IR 334 e A 4-20/HART® relay (incl. Docking Station)	8344620		
Dräger Polytron 8700 IR 334 e S 4-20/HART® (incl. Docking Station)	8344628		
Dräger Polytron 8700 IR 340 d A 4-20/HART®	8344637		
Dräger Polytron 8700 IR 340 d A 4-20/HART® relay	8344638		
Dräger Polytron 8700 IR 340 e A 4-20/HART® (incl. Docking Station)	8344655		
Dräger Polytron 8700 IR 340 e A 4-20/HART® relay (incl. Docking Station)	8344656		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Magnetic wand	4544101		
Pipe mount bracket	4544198		
Duct mount kit	6812300		
Duct mount kit Flow Cell for PIR 7x00	6811945		
Duct mount kit Bump Test Adapter for PIR 7x00	6811990		
Status indicator for PIR 7000	6811625		
Splash guard for PIR 7000	6811911		
Flow Cell for PIR 7000	8323405		
Bump Test Adapter for PIR 7000	6811630		
Insect guard for PIR 7x00	6811609		
Hydrophobic filter for PIR 7x00	6811890		
Calibration adapter for PIR 7x00	6811610		
PolySoft licence (1 year)	6828600		
PolySoft licence (subscription)	6828601		
PolySoft Premium licence (1 year)	8328639		
PolySoft Premium licence (subscription)	8328640		
Process cuvette for PIR 7x00, POM (Polyoxymethylene)	6811915		
Process cuvette for PIR 7x00, stainless steel	6811415		
Process cuvette for PIR 7x00, SGR	6813219		
Aluminium junction box for remote sensor 'd'	4544099		
Stainless steel junction box for remote sensor 'd'	4544098		
Spacer	6812617		
Dräger PIR 7000 334 for remote sensor 'e' variant	6811825		
Dräger PIR 7000 340 for remote sensor 'e' variant	6811819		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger Polytron® 8720

The Polytron 8720 IR is Dräger's top of the line explosion proof transmitter for the detection of carbon dioxide gas with a PIR7200 infrared sensor. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8720 according to the guarantee card.



Transmitter (includes splash guard)			
Dräger Polytron 8720 IR d A 4-20/HART	8344709	379	1
Dräger Polytron 8720 IR d A 4-20/HART relay	8344710	379	1
Dräger Polytron 8720 IR e A 4-20/HART*	8344727	379	1
Dräger Polytron 8720 IR e A 4-20/HART relay*	8344728	379	1

Polytron 8720 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8720 d A 4-20mA/HART Base Transmitter	PR00893		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7200 (NPT)	PR00475		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7200 (already included w/ transmitter)	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7200 (already included w/ transmitter)	6811920	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Bump test adapter PIR 7200	6811930	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection

Dräger PIR 7200

The Dräger PIR 7200 is an explosion proof gas detector for continuous monitoring of carbon dioxide in suitable atmospheres. The measuring range can be adjusted from 0 to 2,000 ppm up to 30 % (V/V), and the operating temperature is specified up to + 77 °C/+ 170 °F.

Its robust design (offering a stainless steel 316L enclosure), the wide range of accessories and the SIL 2 compatibility (certified by the German TÜV) make the Dräger PIR 7200 suitable for harsh industrial environments.

Dräger grants a manufacturer's warranty of 3 years for PIR 7200 according to the guarantee card.



Transmitter			
Dräger PIR 7200 (NPT) HART	6811572	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting met, already pre-assembled	6813050	342	1
Dräger PIR 7200 (M25) HART	6811570	342	1
Dräger PIR 7200 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6812290	342	1
Dräger PIR 7200 Customised (built-to-order)	6811790	342	1
Configuration (mandatory)	PR00488	342	1
Assembly fee for accessories (optional)	PR00489	342	1
Manuals			
IFU Dräger PIR 7000 / PIR 7200 (included in transmitter)	9023885	343	1
Technical handbook PIR 7000 / 7200 (not included in transmitter)	6811993	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Mounting set PIR 7000	6811648	348	1
Duct mount set PIR 7000	6811850	348	1
Duct mount kit Polytron IR x7x0	6812300	348	1
Splash guard PIR 7200	6811912	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Hydrophobic filter PIR 7000	6811890	348	1
Calibration adapter PIR 7000	6811610	348	1
Status indicator PIR 7200	6811920	348	1
Flowcell PIR 7200	6811910	348	1
Flowcell PIR 7000 duct	6811945	348	1
Bump test adapter PIR 7200	6811930	348	1
Remote test adapter PIR 7000 duct	6811990	348	1
Process adapter PIR 7000	6811915	348	1
Process cuvette PIR 7000	6811415	348	1
Process cuvette PIR 7000 SGR	6813219	348	1
Magnetic wand	4544101	348	1
Dräger RAB 7000 Remote-Access-Box	6812830	348	1
USB PC adapter PIR 7000	6811663	348	1
Junction box Ex e PIR 7000	6811898	348	1
Junction box Ex d stainless steel	4544098	348	1
Junction box Ex d aluminium	4544099	348	1



Dräger



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection

Dräger VarioGard® 2320 / 3000 / 3320

The Dräger VarioGard 3xx0 is a digital transmitter for an integrated electrochemical or infrared optical sensor for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit. The system is extremely flexible and can be configured by software to meet the needs of various applications.



Transmitter			
VarioGard 2320 IR CO ₂	3721955	349	1
VarioGard 3000 EC NO ₂ LC	3721947	349	1
VarioGard 3000 EC O ₂	3721948	349	1
VarioGard 3000 EC NO	3721949	349	1
VarioGard 3000 EC CO	3721950	349	1
VarioGard 3000 EC NH ₃	3721951	349	1
VarioGard 3320 IR CO ₂	3721956	349	1
Manuals			
IFU-Dräger VarioGard gas detection system	9033185	343	1
Sensors			
DrägerSensor XXS CO VG	6812241	367	1
DrägerSensor XXS NH ₃ VG	6812242	367	1
DrägerSensor XXS NO VG	6812243	367	1
DrägerSensor XXS NO ₂ VG	6812244	367	1
DrägerSensor XXS NO ₂ LC VG	6800206	367	1
DrägerSensor XXS O ₂ VG	6812245	367	1
DrägerSensor Smart IR CO ₂ VG	6813590	367	1
Accessories			
Calibration adapter VarioGard 3xx0/23x0	8322015	349	1
Magnetic wand	4544101	348	1
Software-Set VarioGard 3x00	8322016	349	1
Cable gland M20	8315420	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger PointGard® 3100

The Dräger PointGard® 3100 is a complete 1-channel gas detection system for measuring toxic gases or oxygen in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3100 uses the reliable DrägerSensor® EC.



Gas Monitors			
Dräger PointGard 3100 EC AC	3728176	377	1
Dräger PointGard 3100 EC AC green	3728175	377	1
Dräger PointGard 3100 EC DC	3728174	377	1
Dräger PointGard 3100 EC DC green	3730935	377	1
Sensors			
Dräger SensorAlive H2S (the Bayonet ring 6800132 required for use) - Only in Remote installation possible!	6814014	367	1
DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor Hydrazin	6810180	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NH ₃ TH	6800055	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂	6809720	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor O ₃	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor PH ₃ /AsH ₃	6809695	367	1
DrägerSensor SO ₂	6809660	367	1
Accessories			
Splash guard (not compatible with all sensors)	6812510	348	1
Splash protection (AC L) (not compatible with all sensors)	6809379	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
EC sensing head remote w/ wall mount kit (requires cable)	6812684	372	1
Remote cable + plug (5m) Polytron 5xx0/8xx0	8323305	348	1
Remote cable + plug (15m) Polytron 5xx0/8xx0	8323315	348	1
Remote cable + plug (30m) Polytron 5xx0/8xx0	8323330	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Sensor Diagnostics Dongle (includes Sensor Test)	8317860	347	1
Sensor Test Dongle	8317619	347	1
Bayonet ring Dräger SensorAlive	6800132	348	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Toxic Gas Detection Dräger PointGard® 3720

The Dräger PointGard® 3720 is a complete 1-channel gas detection system for measuring carbon dioxide CO₂ in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already includes the alarm means and power supply. The Dräger PointGard® 3720 is compatible with a remote infrared CO₂ sensor Dräger PIR 7200.



Gas Monitors			
Dräger PointGard 3700/3720 IR AC remote	3728167	377	1
Dräger PointGard 3700/3720 IR AC remote green	3728166	377	1
Dräger PointGard 3700/3720 IR DC remote	3728165	377	1
Remote Sensors			
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	342	1
Dräger PIR 7200 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting met, already pre-assembled	6813050	342	1
Dräger PIR 7200 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6812290	342	1
Accessories			
Insect guard PIR 7000	6811609	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Calibration adapter PIR 7x00	6811610	348	1
Flowcell PIR 7200	6811910	348	1
Bump test adapter PIR 7200	6811930	348	1
Process cuvette (adapter) PIR 7x00 (stainless)	6811415	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1



Overview of Dräger gas detectors

Overview of Explosion Hazard Detection Solutions

Catalytic Technology



Polytron SE Ex



PEX 3000



Polytron 5200



Polytron 8200

Infrared Technology



PIR 3000



Poytron 5310



Polytron 8310



PIR 7000



Polytron 5700



Polytron 8700



Detection Sans Fil
GasSecure GS01



Pulsar 7000

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Open Path Gas Detection Spectrex SafEye 9xx

The latest SafEye Quasar open path UV detection technology includes the 950 and the 960 series. The Quasar 950 models detect toxic Hydrogen Sulfide gas and the Quasar 960 models detect toxic Ammonia gas, both with path lengths of up to 263ft (80m). All Quasar 950/960 detectors incorporate heated windows to minimize any effects from condensation, icing, snow and are totally immune to interference from sunlight or any other sources of radiation such as flare stacks, arc welding or lightning.

A range of outputs are available including 0-20mA, HART, Modbus RS485 to suit all control systems.



Detector			
SafEye 951/961 Tx (5-20m) QTU-C-111	6813490	300	1
SafEye 951/961 Tx (5-20m) QTU-C-112	6813491	300	1
SafEye 952/962 Tx (15-40m) QTU-C-211	6813492	300	1
SafEye 952/962 Tx (15-40m) QTU-C-212	6813493	300	1
SafEye 953/963 Tx (35-60m) QTU-C-311	6813494	300	1
SafEye 953/963 Tx (35-60m) QTU-C-312	6813495	300	1
SafEye 950 (H2S) Rx (5-60m) QRU-C-111	6813496	300	1
SafEye 950 (H2S) Rx (5-60m) QRU-C-112	6813497	300	1
SafEye 960 (NH3) Rx (5-60m) QRU-C-211	6813498	300	1
SafEye 960 (NH3) Rx (5-60m) QRU-C-212	6813499	300	1
Accessories			
Tilt mount SafEye 9xx series	6813501	300	1
Pole Mount (U-Bolt) 5" - (SS)	6813509	300	1
Pole Mount (U-Bolt) 3" - (SS)	6813621	300	1
SafEye Sunshade (SS)	6813510	300	1
Commissioning Kit SafEye 950 (H ₂ S) incl. Auxliery Harness IS/RS485 and HART	6813502	300	1
Commissioning Kit SafEye 960 (NH ₃) incl. Auxliery Harness IS/RS485 and HART	6813503	300	1
Functional check Filter H2S	6813814	300	1
Functional check Filter NH3	6813815	300	1
Magnetic Mode Selector	6813816	300	1
HART Hand-Held Diagnostic Kit (Ex)	6813505	300	1
Dräger Flame USB RS-485 Set	6813994	300	1
SafEye 9xx Connector Cable (Non-Ex)	6813508	300	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PIR 3000

The Dräger PIR 3000 is an explosion proof gas detector for continuous monitoring of flammable gases and vapors in the ambient air. The transmitter is built for industrial environments (stainless steel 316 enclosure). Non-intrusive calibration is recommended every 6 to 12 months only.



Transmitter			
Dräger PIR 3000 (M25)	6810810	343	1
Dräger PIR 3000 (NPT)	6811080	343	1
Dräger PIR 3000 complete set e (with regular Ex e junction box)	6811160	343	1
Dräger PIR 3000 complete set e2 (with octa Ex e junction box)	6811270	343	1
Dräger PIR 3000 complete set d (with Ex d junction box)	6811180	343	1
Change of gas category (via SAP configurator)	6811633	343	1

Manuals (not included in transmitter)			
IFU Dräger PIR 3000 – German	9023812	343	1
IFU Dräger PIR 3000 – English	9023974	343	1
IFU Dräger PIR 3000 – French	9023975	343	1
IFU Dräger PIR 3000 - Finnish / Swedish	9023976	343	1
IFU Dräger PIR 3000 - Spanish / Portuguese	9023977	343	1
IFU Dräger PIR 3000 - Hungarian / Polish	9023978	343	1
IFU Dräger PIR 3000 - Danish / Norwegian	9023979	343	1
IFU Dräger PIR 3000 - Italian / Dutch	9023980	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Splash guard DSIR	6810796	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/process adapter DSIR	6811330	348	1
Weather guard DSIR	6811135	348	1
Mounting set e DSIR	6811427	348	1
Mounting set d DSIR	6811426	348	1
Duct mount set DSIR	6810995	348	1
Magnetic wand	4544101	348	1
Junction box Ex e (rectangular)	6811299	348	1
Junction box Ex e (octagonal)	6811159	348	1
Junction box Ex d	6811161	348	1
Cable gland M20 set DSIR	6811323	348	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PIR 7000

The Dräger PIR 7000 is an explosion proof gas detector for continuous monitoring of flammable gases and vapors in suitable atmospheres. The gas library can be customized with up to 13 substances and the t0...90 response time can be configured to "fast", i.e. less than 1 second. Its SIL 2 compatibility is proven by a full HW & SW assessment and certified by the German TÜV.

Dräger grants a manufacturer's warranty of 3 years for PIR 7000 according to the guarantee card.



Transmitter			
Dräger PIR 7000 type 334 (NPT) HART	6811552	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813035	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	343	1
Dräger PIR 7000 type 334 (M25) HART	6811550	343	1
Dräger PIR 7000 type 334 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811817	343	1
Dräger PIR 7000 type 334 (NPT)	6811822	343	1
Dräger PIR 7000 type 334 (M25)	6811820	343	1
Dräger PIR 7000 type 334 (M25) complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811825	343	1
Dräger PIR 7000 type 334	6851259	343	1
Customised (built-to-order)			
Configuration (mandatory)		343	1
Assembly fee for accessories (optional)	PR00488	343	1
Flat charge upgrade gas library (optional)	PR00489	343	1
Dräger PIR 7000 type 340 (NPT) HART	6811562	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813045	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813040	343	1
Dräger PIR 7000 type 340 (M25) HART	6811560	343	1
Dräger PIR 7000 type 340 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811819	343	1
Dräger PIR 7000 type 340 (NPT)	6811832	343	1
Dräger PIR 7000 type 340 (M25)	6811830	343	1
Dräger PIR 7000 type 334	6851259	343	1
Customised (built-to-order)			
Configuration (mandatory)		343	1
Assembly fee for accessories (optional)	PR00488	343	1
Flat charge upgrade gas library (optional)	PR00489	343	1
Manuals			
IFU Dräger PIR 7000 / PIR 7200 (included in transmitter)	9023885	343	1
Technical handbook PIR 7000 (not included in transmitter)	6811993	343	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Mounting set PIR 7000	6811648	348	1
Duct mount set PIR 7000	6811850	343	1
Duct mount kit Polytron IR X7X0	6812300	343	1
Splash guard PIR 7000	6811911	348	1
Insect guard PIR 7000	6811609	343	1
Spider guard PIR 7000	6800306	343	1
Hydrophobic filter PIR 7000	6811890	343	1
Calibration adapter PIR 7000	6811610	348	1
Status indicator PIR 7000	6811625	348	1
Flowcell PIR 7000	6811490	348	1
Flowcell PIR 7000 duct	6811945	348	1
Remote test adapter PIR 7000	6811630	348	1
Remote test adapter PIR 7000 duct	6811990	348	1
Process adapter PIR 7000	6811915	348	1
Process cuvette PIR 7000	6811415	348	1
Process cuvette PIR 7000 SGR	6813219	348	1
Licence for Dräger PRC 7000 remote control software	3701228	348	1
Licence for Dräger PRC 7010 remote control software	3701229	348	1
Magnetic wand	4544101	348	1
Dräger RAB 7000 Remote-Access-Box	6812830	348	1
USB PC adapter PIR 7000	6811663	348	1
Junction box Ex e PIR 7000	6811898	348	1
Junction box Ex d stainless steel	4544098	348	1
Junction box Ex d aluminium	4544099	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5200

The Dräger Polytron 5200 CAT is a cost-effective explosion proof transmitter for the detection of combustible gas using a catalytic bead sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5200 CAT d A	8344150	371	1
Dräger Polytron 5200 CAT d A relay	8344151	371	1
Dräger Polytron 5200 CAT d S	8344152	371	1
Dräger Polytron 5200 CAT d S relay	8344153	371	1
Dräger Polytron 5200 CAT e A*	8344154	371	1
Dräger Polytron 5200 CAT e A relay*	8344155	371	1

Polytron 5200 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5200 d A 4-20mA Base Transmitter	PR00926		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor Ex DQ 0-100% LEL	PR00968/ PR02032		
DrägerSensor Ex LC 0-10% LEL	PR00900		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Process adapter for Ex DQ sensor	6812470	348	1
Process adapter for Ex LC sensor	6812465	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5310

The Dräger Polytron 5310 IR is a cost-effective explosion proof transmitter for the detection of combustible gas using an infrared sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 5310 IR d A	8344370	371	1
Dräger Polytron 5310 IR d A relay	8344371	371	1

Polytron 5310 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5310 d A 4-20mA Base Transmitter	PR00928		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d)			
DrägerSensor IR	PR00901		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard DSIR	6810796	348	1
Weather guard DSIR	6811135	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/ process adapter DSIR	6811330	348	1
DrägerSensor IR complete Set e (for e version remote sensor) (with regular plastic Ex e junction box)	6811165	375	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Duct mount kit DrägerSensor IR remote	6810995	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 5700

The Dräger Polytron 5700 IR is a cost-effective explosion proof transmitter for the detection of combustible gas using a PIR7000 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version. A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.



Transmitter (includes splash guard)			
Dräger Polytron 5700 IR 334 d A	8344220	376	1
Dräger Polytron 5700 IR 334 d A relay	8344221	376	1
Dräger Polytron 5700 IR 334 d S	8344222	376	1
Dräger Polytron 5700 IR 340 d A	8344240	376	1
Dräger Polytron 5700 IR 340 d A relay	8344241	376	1

Polytron 5700 Configurator 8344500

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5700 d A 4-20mA Base Transmitter	PR00929		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Interfaces (optional)			
Relay Option (3 relays)	PR00915		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469		
Dräger PIR 7000 Typ 340 (NPT)	PR00473		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7000 (already included w/ transmitter)	6811911	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7000 (already included w/ transmitter)	6811625	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Flowcell PIR 7x00	6811490	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8200

The Dräger Polytron 8200 CAT is a cost-effective explosion proof transmitter for the detection of combustible gas using a PIR7000 IR sensor. 3 wire 4-20 mA output with relays make it compatible with most control systems. You can choose between explosion proof “d” (USA) or flame proof increased safety “e” version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every “e” version.

A configurable part number 8344500 is available for some stainless steel variants. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer’s warranty of 3 years for Polytron 8200 and according to the guarantee card.



Transmitter			
Dräger Polytron 8200 CAT d A 4-20/HART	8344439	373	1
Dräger Polytron 8200 CAT d A 4-20/HART Relay	8344440	373	1
Dräger Polytron 8200 CAT d S 4-20/HART	8344448	373	1
Dräger Polytron 8200 CAT d S 4-20/HART Relay	8344449	373	1
Dräger Polytron 8200 CAT e A 4-20/HART*	8344457	373	1
Dräger Polytron 8200 CAT e A 4-20/HART Relay*	8344458	373	1
Dräger Polytron 8200 CAT e S 4-20/HART*	8344466	373	1

Polytron 8200 Transmitter Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8200 d A 4-20mA/HART Base Transmitter	PR00890		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor Ex DQ 0-100% LEL	PR00968/ PR02032		
DrägerSensor Ex LC 0-10% LEL	PR00900		
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash guard	6812510	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Process adapter for Ex DQ sensor	6812470	348	1
Process adapter for Ex LC sensor	6812465	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct mount kit Polytron 5x0/8x00 (non IR)	6812725	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8310

The Polytron 8310 IR is Dräger's top of the line explosion proof transmitter for the detection combustible gas with a DrägerSensor IR. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.



Transmitter			
Dräger Polytron 8310 IR d A 4-20/HART	8344807	373	1
Dräger Polytron 8310 IR d A 4-20/HART relay	8344808	373	1
Dräger Polytron 8310 IR e A 4-20/HART*	8344825	373	1
Dräger Polytron 8310 IR e A 4-20/HART relay*	8344826	373	1

Polytron 8310 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8310 d A 4-20mA/HART Base Transmitter	PR00891		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
DrägerSensor IR	PR00901		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Splash Guard DSIR	6810796	348	1
Weather Guard DSIR	6811135	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Calibration Adapter DSIR	6810859	348	1
Gassing/Process Adapter DSIR	6811330	348	1
DrägerSensor IR complete Set e (for e version remote sensor) (with regular plastic Ex e junctionbox)	6811165	375	1
Remote XP Junction Box 316L Stainless Steel (includes 8327024)	4544098	348	1
Remote XP Junction Box Aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
P5/6/8x00 horizontal surface bracket	3728095	348	1
Duct Mount Kit Polytron 5x00/8x00 (non IR)	6812725	348	1
Duct Mount Kit DrägerSensor IR remote	6810995	348	1
Pole mount kit Polytron 5x00/8x00	4544198	348	1
Docking Station / E-Box Polytron 5x00/8x00 Power	8344027	348	1
Docking Station / E-Box Polytron 5x00/8x00 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel 3/4" NPT for SS housing (set of 2 pcs.)	4544897	384	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® 8700

The Polytron 8700 IR is Dräger's top of the line explosion proof transmitter for the detection of combustible gas in the ppm and %LEL range with a PIR7000 infrared sensor. It comes standard with an analog 3 wire 4-20mA HART output. Relays and fieldbus interface module are optional. You can choose between explosion proof "d" (USA) or flame proof increased safety "e" version (Europe) and aluminum (A) or stainless steel (S). All stainless steel (S) versions include stainless steel blind plugs.

*The docking station (E-Box) is included with every "e" version. A configurable part number 8344800 is available for some stainless steel and all fieldbus options. Please calculate the total price by adding the options below to the base price.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8700 according to the guarantee card.



Transmitter (includes splash guard)			
Dräger Polytron 8700 IR 334 d A 4-20/HART	8344601	379	1
Dräger Polytron 8700 IR 334 d A 4-20/HART relay	8344602	379	1
Dräger Polytron 8700 IR 334 d S 4-20/HART	8344610	379	1
Dräger Polytron 8700 IR 334 d S 4-20/HART Relay	8344611	379	1
Dräger Polytron 8700 IR 334 e A 4-20/HART*	8344619	379	1
Dräger Polytron 8700 IR 334 e A 4-20/HART relay*	8344620	379	1
Dräger Polytron 8700 IR 334 e S 4-20/HART*	8344628	379	1
Dräger Polytron 8700 IR 340 d A 4-20/HART	8344637	379	1
Dräger Polytron 8700 IR 340 d A 4-20/HART relay	8344638	379	1
Dräger Polytron 8700 IR 340 e A 4-20/HART*	8344655	379	1
Dräger Polytron 8700 IR 340 e A 4-20/HART relay*	8344656	379	1

Polytron 8700 Configurator 8344800

Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8700 d A 4-20mA/HART Base Transmitter	PR00892		
Housing Classification (optional: select one only)			
Ex e Version w/ Docking Station w/o Relays	PR00921		
Ex e Version w/ Docking Station Required for Remote Sensor or Relays	PR00922		
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923		

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895		
Profibus PA (replaces 4-20/HART, no relay)	PR00896		
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897		
Modbus RTU (replaces 4-20/HART, no relay)	PR00898		
Housing Material (optional)			
Stainless Steel 316L	PR00894		
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469		
Dräger PIR 7000 Typ 340 (NPT)	PR00473		
Splash Guard & Status Indicator for Polytron 5/87x0 (required)			
Splash Guard & Status Indicator Preinstalled	PR01166		
Accessories			
Sun weather protect Polytron x700/x720 (only fits P57x0/87x0 Ex d variant)	3717515	348	1
Splash guard PIR 7000 (already included w/ transmitter)	6811911	348	1
Insect guard PIR 7000	6811609	348	1
Spider guard PIR 7000	6800306	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Status indicator PIR 7000 (already included w/ transmitter)	6811625	348	1
Remote XP Junction Box 316L stainless steel (includes 8327024)	4544098	348	1
Remote XP Junction Box aluminum (includes 8327024)	4544099	348	1
Remote sensor plug and play wiring kit for XP Junction Box	8327024	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
Process cuvette PIR 7x00 (stainless steel)	6811415	348	1
Process cuvette SGR PIR 7x00 (stainless steel)	6813219	348	1
Calibration adapter PIR 7x00	6811610	348	1
Remote test adapter PIR 7x00	6811630	348	1
Remote test adapter PIR 7x00 duct	6811990	348	1
Flowcell PIR 7x00	6811490	348	1
Flowcell PIR 7x00 duct	6811945	348	1
Hydrophobic filter PIR 7x00	6811890	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Duct mount kit Polytron x7x0	6812300	348	1
Duct mount kit PIR 7x00 remote sensor	6811850	348	1
Pole mount kit Polytron 5xx0/8xx0	4544198	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 Power	8344027	348	1
Docking Station/ E-Box Polytron 5xx0/8xx0 (for relay/remote)	8344028	348	1
Docking Station FB Polytron 8xx0	8344029	394	1
Cable gland for Docking Station / E-Box Polytron 5xx0/8xx0	6812868	394	1
Blind plug 316L st. steel ¾" NPT for SS housing (set of 2 pcs.)	4544897	384	1
Wall stand-off, Spacer for Ex d Transmitter (included)	6812617	376	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Acoustic Leak Detection Dräger Polytron® 8900

The Polytron 8900 UGLD is an acoustic gas leak detector for detecting high pressure (>10 bar) gas leaks. With the ultrasonic microphone sensor, the unit detects gas leaks in a circular area of 360° below the sensor.

The sensor has a range of 55 to 110 dB and ships fully calibrated, ready for operation. It comes standard with an analog 3 wire 4-20mA/HART output and integrated relays. The 316L stainless steel enclosure is explosion proof Ex d.

Dräger grants a manufacturer's warranty of 3 years for Polytron 8900 according to the guarantee card.



Transmitter			
Dräger Polytron 8900 UGLD d S 4-20/HART relay	8328030	359	1
Accessories			
Weather protection set Polytron 5/6/8xx0 (only fits P5/8xx0 d variant)	3702198	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Sensing Head Remote UGLD w/ wall mount kit (requires cable)	8328021	359	1
Remote Cable + Plug (5m)	8323305	348	1
Remote Cable + Plug (15m)	8323315	348	1
Remote Cable + Plug (30m)	8323330	348	1
Pole Mount Kit Polytron 5xx0/8xx0	4544198	348	1
Blind Plug 316L St. Steel ¾"NPT for SS Housing (2 pcs.)	4544897	384	1
Cable gland ¾" NPT brass f.unarmoured cable	AG00570	389	1
UGLD Calibration and Bump Test Kit with Carrying Case (w/o Cal Gas) includes cylinder regulator, tubing, and remote sound generator	8328042	348	1
Zero Air Gas Cylinder 112L for Calibration and Bump Test Kit	6813239	953	1
UGLD Sensor (DrägerService Exclusive)	8328045	394	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1
IR Connection Kit (requires PolySoft)	4544197	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Pulsar 7000 series

The new Dräger Pulsar 7000 series is an ex-protected stationary gas detection system with an open measuring path to monitor hydrocarbons in gas and vapour. The extremely short reaction time of the sensor and its robust design makes the Pulsar 7000 series to a reliable solution for your challenges for protecting people and plant.

Explanations:

Tx S(hort) Range: 4 to 60m Rx S(hort) Range: 4 to 120m

Tx L(ong) Range: 30 to 200m Rx L(ong) Range: 100 to 200m

Dräger Pulsar 7700: Receiver factory calibrated on Methane and Propane

Dräger Pulsar 7900: Receiver factory calibrated on Ethylene

JB Ex e: PE reinforced junction box (4x M20)

JB Ex e HD: stainless steel junction box (4x M25), Heavy

Duty / Offshore

Ho(rizontal): Horizontal mounting plate, JB behind the measuring head and reduced installation height

Dräger grants a manufacturer's warranty of 3 years according guarantee card.



Transmitter and Receiver

ATEX / IECEx

Standard			
Dräger Pulsar 7000 Tx S Range JB Ex e	6851700	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e	6851701	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e	6851702	374	1
Dräger Pulsar 7700 Rx L Range JB Ex e	6851703	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e	6851704	374	1
Dräger Pulsar 7000 Tx S Range JB Ex e Ho	6851706	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e Ho	6851707	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e Ho	6851708	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e Ho	6851709	374	1

Duct Mount

Dräger Pulsar 7700 Duct Mount JB Ex e	6851716	374	1
Dräger Pulsar 7000 Duct Mount Tx JB Ex e	6851530	374	1
Dräger Pulsar 7700 Duct Mount Rx JB Ex e	6851531	374	1

Heavy Duty / Offshore

Dräger Pulsar 7000 Tx S Range JB Ex e HD	6851718	374	1
Dräger Pulsar 7000 Tx L Range JB Ex e HD	6851719	374	1
Dräger Pulsar 7700 Rx S Range JB Ex e HD	6851720	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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ATEX / IECEx (cont.)

Dräger Pulsar 7700 Rx L Range JB Ex e HD	6851721	374	1
Dräger Pulsar 7900 Rx S Range JB Ex e HD	6851712	374	1

Spares

Dräger Pulsar 7000 Tx S Range, SPPT	3700700	374	1
Dräger Pulsar 7000 Tx L Range, SPPT	3700701	374	1
Dräger Pulsar 7700 Rx S Range, SPPT	3700702	374	1
Dräger Pulsar 7700 Rx L Range, SPPT	3700703	374	1
Dräger Pulsar 7900 Rx S Range, SPPT	3700704	374	1
Dräger Pulsar 7000 Tx S Range HD, SPPT	3700705	374	1
Dräger Pulsar 7000 Tx L Range HD, SPPT	3700706	374	1
Dräger Pulsar 7700 Rx S Range HD, SPPT	3700707	374	1
Dräger Pulsar 7700 Rx L Range HD, SPPT	3700708	374	1

US / CANADA

Standard

Dräger Pulsar 7000 Tx S Range US/Canada	6851728	374	1
Dräger Pulsar 7000 Tx L Range US/Canada	6851729	374	1
Dräger Pulsar 7900 Rx S Range US/Canada	6851732	374	1
Dräger Pulsar 7700 Rx S Range US/Canada	6851733	374	1
Dräger Pulsar 7700 Rx L Range US/Canada	6851734	374	1

Duct Mount

Dräger Pulsar 7700 Duct Mount US/Canada	6851739	374	1
Dräger Pulsar 7000 Duct Mount Tx US/Canada	6851730	374	1
Dräger Pulsar 7700 Duct Mount Rx US/Canada	6851731	374	1

Spares

Dräger Pulsar 7000 Tx S Range US/Canada, SPPT	3701422	374	1
Dräger Pulsar 7000 Tx L Range US/Canada, SPPT	3701423	374	1
Dräger Pulsar 7700 Rx S Range US/Canada, SPPT	3701425	374	1
Dräger Pulsar 7700 Rx L Range US/Canada, SPPT	3701426	374	1
Dräger Pulsar 7900 Rx S Range US/Canada, SPPT	3701424	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Installation Parts			
2" (60mm OD) Pole Mount Kit	2307003	346	1
5" (150mm OD) Pole Mount Kit	2350302	346	1
Duct wall mounting plate kit	2350450	346	1
Junction box Ex d / XP	3700330	374	1
Pole mount kit for junction box Ex d / XP (from Polytron 5xx0/8xx0)	4544198	348	1
Commissioning and Maintenance			
Gas test sheets, Dräger Pulsar 7700 (included in 6851630)	2350521	346	1
Gas test sheets, Dräger Pulsar 7900 (included in 6851631)	2350520	346	1
Gas test sheets, Dräger Pulsar 7700 Duct Mount (included in 6851632)	2350451	346	1
Attenuator plate AP800	2350339	346	1
Attenuator plate AP810	2307329	346	1
Lens cleaning fluid LCF01	2350291	346	1
Pulsar alignment telescope	2350505	346	1
Communication Equipment			
Pulsar Interface Adapter (PIA), single unit	6851565	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7700	6851630	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7900	6851631	374	1
Pulsar Interface Adapter set, Dräger Pulsar 7700 Duct Mount	6851632	374	1
MFC5150X HART Communicator kit (Ex)	6813505	300	1
Remote communication port, 5m	2350322	346	1
Remote communication port, 10m	2307113	346	1
Calibration Kits			
Gas cell kit, single pass (Propane)	2350514	346	1
Gas cell kit, single pass (Methane)	2350516	346	1
Gas cell kit, single pass (Methane and Propane)	2350518	346	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Spares

Installation Parts

Mounting plate kit vertical	6851543	374	1
Mounting plate kit horizontal	6851544	374	1
Mounting plate kit short	6851545	374	1
Gimbal Kit	6851542	374	1
Gimbal screws kit	6851541	374	1
Junction box STD kit	6851546	374	1
Junction box HD kit	6851547	374	1

Device

Protective cap / cowl	6851548	374	1
Protective cover kit	6851549	374	1

Communication Equipment

Dust cap communication port	6851540	374	1
DIRA holder	6851587	374	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger Polytron® SE Ex

The Dräger Polytron® SE Ex ... DQ sensing heads are gas detectors for the continuous monitoring of flammable gases and vapours in the ambient air. Measurement is based on the heat of reaction principle where a chemical reaction takes place in a catalytic bead (also known as a pellistor) inside the sensor.

The sensing heads are intended to be used in the harsh industrial environment and connected to a suitable central controller by means of a 3-core cable.



Sensing Heads			
Polytron SE Ex PR M1 DQ small standard housing	6812711	344	1
Polytron SE Ex PR M2 DQ large standard housing	6812710	344	1
Remote Sensor DQ NPT Alu	3706933	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Sensors			
DrägerSensor PR M DQ	6814140	360	1
DrägerSensor PR NPT DQ	6814150	360	1
DrägerSensor PR NPT DQ S	3701800	360	1
Sensing Heads			
Polytron SE Ex LC M1 DD small standard housing	6812722	344	1
Polytron SE Ex LC M2 DD large standard housing	6812721	344	1
Sensors			
DrägerSensor Ex-Sensor LC	6810350	360	1
DrägerSensor Ex-Sensor LC NPT	6810675	360	1
Sensing Heads			
Polytron SE Ex HT M DQ galvanized cast iron housing	6812720	344	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor HT M DQ	6814145	360	1
Manuals			
IFU-Sensing Head Polytron SE Ex DQ de, en, es, fr	9033888	344	1
IFU-Sensing Head Polytron SE Ex DQ bg, et, hr, hu, lt, lc, ro, sk, sl, tr	9033889	344	1
IFU-Sensing Head Polytron SE Ex DQ cs, da, el, fl, it, nl, no, pt, ptbr, sv	9033893	344	1
Accessories			
Splash guard	6812510	348	1
Calibration adapter V	6810536	348	1
Gasing adapter PE	6806978	348	1
Dust filter disk 10 pcs. (not suitable for DrägerSensor Ex LC M and HT M)	6810537	348	1
Special tool PEX 3000 (for WAGO Terminals)	8318376	344	1
Process adapter DD / DQ	6812470	348	1
Process adapter LC	6812465	348	1
Remote calibration adapter DD / DQ	6812480	348	1
Remote calibration adapter LC	6812482	348	1

Dräger PEX 1000

The Dräger PEX 1000 is a converter module that converts the mV signals of the Dräger Polytron SE Ex DQ and LC sensing heads into mA signals and sends them to a control unit like the Dräger REGARD family. Together with the Dräger Polytron SE Ex DQ and LC, the PEX 1000 fulfils the conditions set down for primary explosion protection.



Dräger PEX 1000	8324835	344	1
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Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PEX 3000

A 4 to 20 mA transmitter for continuous monitoring of flammable gases and vapours in the ambient air to prevent explosive hazards. The gas concentration is converted into a 4 to 20 mA standard signal which, by means of suitable central controllers, can be used to activate automatic countermeasures and alarm devices.

By opening the enclosure a two digit 7-segment display with two operating keys is accessible to perform menu-controlled one-man-calibration and maintenance.



Transmitter			
Draeger PEX 3000 type XTR 0001 incl. sensor 100% LEL, large housing	8318360	344	1
Draeger PEX 3000 type XTR 0011 incl. sensor 10% LEL, large housing	8318370	344	1
Draeger PEX 3000 type XTR 0091 remote transmitter, large housing	8318390	344	1
Manuals			
IFU Dräger PEX 3000, language cluster 1 de, en, es, fr	9300061	344	1
IFU Dräger PEX 3000, language cluster 2 cs, da, el, fi, it, nl, no, pl, ptbr, sv	9300062	344	1
IFU Dräger PEX 3000, language cluster 1 bg, ro, hu, hr, sl, sk, et, lt, lv, tr	9300063	344	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor PR M DQ	6814140	360	1
DrägerSensor Ex LC M	6810350	360	1
Accessories			
Splash guard	6812510	348	1
Calibration adapter V	6810536	348	1
Gasing adapter PE	6806978	348	1
Dust filter disk 10 pcs. (not suitable for DrägerSensor Ex LC M and HT M)	6810537	348	1
Special tool PEX 3000 (for WAGO Terminals)	8318376	344	1
Process adapter DD / DQ	6812470	348	1
Process adapter LC	6812465	348	1
Remote calibration adapter DD / DQ	6812480	348	1
Remote calibration adapter LC	6812482	348	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger VarioGard® 2300 / 3200 / 3300

The Dräger VarioGard 3xx0 is a digital transmitter for an integrated catalytic or infrared optical sensor for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit.

The system is extremely flexible and can be configured by software to meet the needs of various applications.



Transmitter			
VarioGard 2300 IR EX	3721953	349	1
VarioGard 3200 CAT EX	3721952	349	1
VarioGard 3300 IR EX	3721954	349	1
Manual			
IFU-Dräger VarioGard gas detection system	9033185	349	1
Sensor			
DrägerSensor Smart IR Ex VG	6813460	367	1
DrägerSensor CAT Ex 125 VG	6812251	360	1
Accessories			
Calibration adapter VarioGard 3xx0/23x0	8322015	349	1
Magnetic wand	4544101	348	1
Software-Set VarioGard 3x00	8322016	349	1
Cable gland M20	8315420	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Refrigerant Transmitter

Monitor your cooling system reliably for leaks. Our refrigerant transmitter detects automatically the corresponding refrigerant in the ppm range. This allows you to safely monitor occupational exposure limits. Equipped with non-dispersive infrared technology (NDIR), the refrigerant transmitter quickly and reliably detects refrigerant even in the ppm range in ambient air. The optical measuring technology works according to a physical measuring principle – without chemical reactions or wearing parts. This measuring stability gives you security in the operation of your refrigeration system. It also reduces the cost of verification and recalibration.



Refrigerant Transmitter 4-20 mA			
Refrigerant Transmitter R134a 2000 ppm	AG01603	349	1
Refrigerant Transmitter R404a 2000 ppm	AG01604	349	1
Refrigerant Transmitter R123 2000 ppm	AG01605	349	1
Refrigerant Transmitter R22 2000 ppm	AG01606	349	1
Refrigerant Transmitter R125 2000 ppm	AG01607	349	1
Refrigerant Transmitter R1234yf 1000 ppm	AG01608	349	1
Refrigerant Transmitter R407a 2000 ppm	AG01617	349	1
Refrigerant Transmitter R407c 2000 ppm	AG01618	349	1
Refrigerant Transmitter R410a 2000 ppm	AG01619	349	1
Refrigerant Transmitter R507 2000 ppm	AG01620	349	1
Refrigerant Transmitter SF6 1500 ppm	AG01621	349	1
Refrigerant Transmitter R1234yf 2000 ppm	AG01649	349	1
Refrigerant Transmitter R1234ze 2000 ppm	AG01686	349	1
Refrigerant Transmitter R449a 2000 ppm	3705323	349	1
Refrigerant Transmitter R513a 2000 ppm	3705324	349	1
Broadband Refrigerant Transmitter 4-20mA	3707787	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Refrigerant Transmitter BUS			
Refrigerant Transmitter SF6 (BUS) 1500 ppm	3707788	349	1
Refrigerant Transmitter R513a (BUS) 1500 ppm	3707789	349	1
Refrigerant Transmitter R507a (BUS) 2000 ppm	3707790	349	1
Refrigerant Transmitter R449a (BUS) 2000 ppm	3707791	349	1
Refrigerant Transmitter R410aa (BUS) 2000 ppm	3707792	349	1
Refrigerant Transmitter R407c (BUS) 2000 ppm	3707793	349	1
Refrigerant Transmitter R1234ze (BUS) 2000 ppm	3707794	349	1
Refrigerant Transmitter R407a (BUS) 2000 ppm	3707795	349	1
Refrigerant Transmitter R404a (BUS) 2000 ppm	3707796	349	1
Refrigerant Transmitter R22 (BUS) 2000 ppm	3707797	349	1
Refrigerant Transmitter R134a (BUS) 2000 ppm	3707798	349	1
Refrigerant Transmitter R134a (BUS) 1000 ppm	3707799	349	1
Refrigerant Transmitter R125 (BUS) 2000 ppm	3707800	349	1
Refrigerant Transmitter R1234yf (BUS) 1000 ppm	3707801	349	1
Refrigerant Transmitter R1234yf (BUS) 2000 ppm	3707802	349	1
Refrigerant Transmitter R123 (BUS) 2000 ppm	3707803	349	1
Broadband Refrigerant Transmitter (BUS)	3707804	349	1
Accessories			
Calibration Adapter	AG01625	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PointGard® 3200

The Dräger PointGard® 3200 is a complete 1-channel gas detection system for measuring explosive gases or vapors in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3200 uses the reliable DrägerSensor® CAT.



Gas Monitors			
Dräger PointGard 3200 CAT AC remote	3728171	377	1
Dräger PointGard 3200 CAT AC remote green	3728170	377	1
Dräger PointGard 3200 CAT AC	3728173	377	1
Dräger PointGard 3200 CAT AC green	3728172	377	1
Dräger PointGard 3200 CAT DC	3728169	377	1
Dräger PointGard 3200 CAT DC remote	3728168	377	1
Remote Sensor			
Polytron SE Ex PR M1 DQ (small standard housing)	6812711	344	1
Polytron SE Ex PR M2 DQ	6812710	344	1
Remote Sensor DQ NPT Steel	3706934	344	1
Remote Sensor DQ NPT Alu	3706933	344	1
Accessories			
Splash guard (not compatible with all sensors)	6812510	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1
Gassing adapter PE (white silicone)	6806978	348	1
Calibration adapter V (black rubber)	6810536	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection Dräger PointGard® 3700

The Dräger PointGard® 3700 is a complete 1-channel gas detection system for measuring explosive hydrocarbon gases or vapors in ambient air. The robust yet compact NEMA 4X / IP66 rated enclosure already contains the alarm equipment and power supply. The Dräger PointGard® 3700 is compatible with a remote infrared gas sensor Dräger PIR 7000 Type 334 or Type 340.



Gas Monitors			
Dräger PointGard 3700/3720 IR AC remote	3728167	377	1
Dräger PointGard 3700/3720 IR AC remote green	3728166	377	1
Dräger PointGard 3700/3720 IR DC remote	3728165	377	1
Remote Sensor			
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813035	343	1
Dräger PIR 7000 type 334 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	343	1
Dräger PIR 7000 type 334 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811817	343	1
Dräger PIR 7000 type 334 (M25) complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811825	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813045	343	1
Dräger PIR 7000 type 340 (NPT) HART complete set with Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813040	343	1
Dräger PIR 7000 type 340 (M25) HART complete set with Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811819	343	1
Accessories			
Insect guard PIR 7000	6811609	348	1
Green LED steady beacon PointGard 2/3xx0 (includes interface cable)	8326489	394	1
Blue LED strobe beacon PointGard 2/3xx0	8326472	394	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Calibration adapter PIR 7x00	6811610	348	1
Flowcell PIR 7x00	6811490	348	1
Remote test adapter PIR 7x00	6811630	348	1
Process cuvette (adapter) PIR 7x00 (stainless)	6811415	348	1
Process adapter (cuvette) PIR 7x00 (plastic)	6811915	348	1
EW 3 power cable 2.5m PointGard 2/3xx0, BR*	8326448	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, EU*	8326449	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, UK*	8326450	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, US*	8326451	377	1
EW 3 power cable 2.5m PointGard 2/3xx0, AUS*	8326452	377	1
Wall mounting brackets PointGard 2/3xx0 (set of 4 pcs. w/ screws)	8326497	348	1
IR Connection Kit Polytron 5xx0/8xx0 (requires PolySoft)	4544197	348	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Optical Area Monitoring MetCam Gas Camera

The MetCam optical gas imaging camera continuously monitors large areas for possible methane leaks. In "Safety-Mode", it visualizes the source and the intensity of a leak and alarms in accordance with individually set thresholds. In "Emission-Mode", the MetCam can localize, visualize and quantify even very small leaks.



Detector			
MetCam Camera incl. EXD Cable	3703416	310	1
MetCam Camera incl. EXD Cable (Temp)	3703418	310	1
Accessories			
Pan Tilt Mounting Set	3703421	310	1
Weather shield	3703422	310	1
Functional test sheet	3703423	310	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger X-node

The wireless Dräger X-node is a measurement and analysis system for continuously monitoring gas concentrations. It simultaneously measures the ambient temperature, humidity and pressure additionally to the gas concentration.

The measured values can be transferred to a database in real time via a LoRa network and to your smartphone via Bluetooth®.



X-node IoT Device IoT Transmitter X-node, LoRa without DrägerSensor			
Dräger X-node, EU863-870 (Europe)	5601008	392	1
Dräger X-node, US902-928 (USA, CAN, CSA)	5601026	392	1
Dräger X-node, AU915-928 (Australia, New Zealand)	5601027	392	1

Dräger X-node Hub configurator 3711807

X-node IoT Hub Web-Interface		Runtime month / device	
		0 - 3 month	4 - 12 month
X-node Hub Basic	3732056	PR02053	PR02054
X-node Hub Professional	3732057	PR02056	PR02057
X-node Hub Premium	3732058	PR02059	PR02060
X-node IoT Device IoT Transmitter X-node, LoRa without DrägerSensor		Order Code	Product Category
Setup System (e.g. Gateway, Hub)	3732051	392	
X-node device (rental)	3732052	392	
Additional Services	3732053	392	
Reporting	3732054	392	
X-node Comfort - Device/Gateway/Hub/...	3732055	392	

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors (more on demand)			
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor IR CO ₂	6800482	392	1
DrägerSensor MEC NO	6812785	367	1
DrägerSensor MEC O ₂	6812740	367	1
DrägerSensor NH ₃ AL	6813735	367	1
DrägerSensor NH ₃ FL	6813260	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor Ozone	6814005	367	1
Accessories			
MEC-Key	6812695	348	1
IFU-Dräger X-node	9300763	348	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Wireless Gas Detection Dräger Polytron® 6100 EC WL

The Dräger Polytron 6100 EC WL is a wireless transmitter for continuous measurement of toxic gases and oxygen. The intrinsically safe and SIL2 -rated (only ISA100) transmitter features completely wireless signal transmission and power supply. Both popular industry standards, ISA100 and WirelessHART are covered.

The internal battery pack allows the transmitter to operate continually for up to 24 month. This makes the Polytron 6100 a flexible and cost effective solution for plant expansions, upgrades, and new installations.

Dräger grants a manufacturer's warranty of 3 years for Polytron 6100 and some DrägerSensors (marked by *) according to the guarantee card.



Transmitter

following positions are including battery box. Additionally a battery pack, appropriate antenna and sensor have to be added.

Dräger Polytron 6100 EC WL	8327000	315	1
Dräger Polytron 6100 EC WL, ISA100	3714792	315	1
Dräger Polytron 6100 EC WL, WirelessHART	3714791	315	1
Dräger Polytron Repeater ISA100	8327001	315	1
Dräger Polytron Repeater ISA100	3714790	315	1
Dräger Polytron Repeater WirelessHART	3714789	315	1

Sensors

DrägerSensor Acidic Compounds AC	6810595	367	1
DrägerSensor Cl ₂	6809665	367	1
DrägerSensor CO	6809605	367	1
DrägerSensor CO LS	6809620	367	1
DrägerSensor CO LH	6812570	367	1
DrägerSensor COCl ₂	6809930	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
DrägerSensor H ₂	6809685	367	1
DrägerSensor H ₂ O ₂ HC	6809675	367	1
DrägerSensor H ₂ O ₂ LC	6809705	367	1
DrägerSensor H ₂ S	6810435	367	1
DrägerSensor H ₂ S HC	6809710	367	1
DrägerSensor H ₂ S LC	6809610	367	1
DrägerSensor HCl	6809640	367	1
DrägerSensor HCN LC	6813200	367	1
DrägerSensor PH ₃ /A ₈ H ₃	6809695	367	1
DrägerSensor Hydride	6809635	367	1
DrägerSensor Hydride SC	6809980	367	1
DrägerSensor N ₂ H ₄	6810180	367	1
DrägerSensor NH ₃ HC	6809645	367	1
DrägerSensor NH ₃ TL	6813095	367	1
DrägerSensor NO LC	6809625	367	1
DrägerSensor NO ₂ LC	6813205	367	1
DrägerSensor O ₂ LS	6809630	367	1
DrägerSensor Ozone	6814005	367	1
DrägerSensor OV 1	6810740	367	1
DrägerSensor OV 2	6810745	367	1
DrägerSensor SO ₂	6809660	367	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Polytron 6xx0 Battery Box	3702223	315	1
Polytron 6xx0 Battery Pack, 1 piece	3702176	315	1
Polytron 6xx0 Battery Pack, 6 pieces	3702177	315	1
Polytron 6xx0 Conductive Antenna 2 dBi	8327813	315	1
Polytron 6xx0 Standard Antenna 2 dBi	3702169	315	1
Polytron 6xx0 Remote Antenna 6 dBi (not approved for European market in combination with Polytron 6100!)	3702171	315	1
Polytron 6xx0 Remote Antenna 2 dBi (globally approved)	3702244	315	1
Antenna cable 5m	AL20719	315	1
Antenna cable 10m	AL20720	315	1
Antenna cable 20m	AL20721	315	1
Weather protection set Polytron 5/6/8xx0	3702198	348	1
Pole Mount Kit Polytron 5xx0/8xx0	4544198	348	1
Magnetic Wand (blue body, white logo)	4544101	348	1
Cap Polytron 6xx0	3702224	394	1
O-Ring Cap Polytron 6xx0 (5 pcs.)	3702298	394	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flammable Gas Detection GasSecure GS01

Truly wireless, the GasSecure GS01 combines single-beam triple-wavelength infrared (IR) technology with extremely low power consumption, to provide fast hydrocarbon gas detection in the most demanding and hazardous of settings.

The GS01 creates value for the customer with dramatically reduced installation cost and time, reliable infrared operation, and calibration-free design.

Dräger grants a manufacturer's warranty of 3 years for GasSecure GS01 according to the guarantee card.



Transmitter			
GS01 Wireless IR Hydrocarbon Gas Detector (includes empty battery pack AL20713, weather cap AL20709, antenna 3705654, add 2 battery cells AL20706)	3705976	315	1
GS01-EA Wireless IR Gas Detector -5m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 5m antenna cable AL20719, add 2 battery cells AL20706)	AL20737	315	1
GS01-EA Wireless IR Gas Detector -10m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 10m antenna cable AL20720, add 2 battery cells AL20706)	AL20738	315	1
GS01-EA Wireless IR Gas Detector -20m FM (includes empty battery pack AL20713, weather cap AL20709, antenna AL20718, 20m antenna cable AL20721, add 2 battery cells AL20706)	AL20739	315	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Accessories			
Battery Pack FM without battery cells	AL20713	315	1
Battery cell type SL-2780/S - EUR	AL20706	315	1
Battery cap	AL20708	315	1
Weather cap	AL20709	315	1
Sencity OMNI-S Omni-directional 6 dBi Antenna with bracket (for GS01-EA)	AL20718	315	1
Sencity OMNI-S 2 dBi stick antenna with bracket (for GS01-EA, alternative for AL20718)	3705655	315	1
Sencity OMNI-S 2 dBi stick antenna N-MALE (for GS01)	3705654	315	1
Antenna cable with n-type connectors in both ends, 5 m (for GS01-EA)	AL20719	315	1
Antenna cable with n-type connectors in both ends, 10 m (for GS01-EA)	AL20720	315	1
Antenna cable with n-type connectors in both ends, 20 m (for GS01-EA)	AL20721	315	1
GS01 serial adapter (for device provisioning)	AL20710	315	1
GS01 sunshade / weather protection	AL20711	315	1
O-ring for battery compartment, set of 5 pcs	3701093	315	1
USB To RAW SIR Serial Adapter (for provisioning the Yokogawa access point)	3709723	315	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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DrägerSensors for Fixed Gas Detection DrägerSensors Ex

Catalytic bead sensors are housing heated beads (pellistors) which catalytically oxidize flammable gases and vapours causing their temperature to rise by the additional heat of reaction. The pellistor's resistance increases with temperature and is proportional to the gas concentration.



DrägerSensor PR M DQ Spare sensor for Polytron SE Ex PR M ... DD, PEX 3000 (XTR 0000 and XTR 0001). Also spare sensor for Ex-Sensor PR M (6812220) in transmitter PEX 3000 XTR 0000 (8318280) and XTR 0001 (8318360), and transmitter Polytron Ex (8317517)	6814140	360	1
DrägerSensor HT M DQ Spare sensor for Polytron SE Ex HT M DD. Also spare sensor for Ex-Sensor HT M (6812390) in Polytron SE Ex HT M (6810530)	6814145	360	1
DrägerSensor PR NPT DQ Spare sensor for Polytron SE Ex PR NPT DD, Polytron 5xxx, Polytron 8xxx, PointGard 2200 and PointGard 3200	6814150	360	1
DrägerSensor LC M (10%LEL) Spare sensor for Polytron SE Ex LC M ... DD, PEX 3000 (XTR 0010 and XTR 0011). Also spare sensor for Polytron SE Ex LC M (6810486)	6810350	360	1
DrägerSensor LC NPT Spare sensor for Polytron SE Ex LC NPT...DD	6810675	360	1
Accessories			
Gore-Membrane (8 pcs.)	8326840	393	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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DrägerSensors® for Fixed Gas Detection

DrägerSensor IR

As an explosion proof gas sensor for continuous monitoring of flammable gases and vapors in the ambient air, the DrägerSensor IR offers a possibility for replacement of catalytic bead sensors, easy to be installed. The sensor is built for industrial environments (stainless steel 316 enclosure) and it features immunity to pellistor poisons.



Sensors			
DrägerSensor IR (M25)	6811100	375	1
DrägerSensor IR (NPT)	6811110	375	1
DrägerSensor IR complete set e (with regular Ex e junction box)	6811165	375	1
DrägerSensor IR complete set e2 (with octa Ex e junction box)	6811265	375	1
DrägerSensor IR complete set d (with Ex d junction box)	6811185	375	1
DrägerSensor IR (for Polytron 5310/8310)	6811901	375	1
Change of gas category (via SAP configurator)	6811588	375	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Manuals			
IFU DrägerSensor IR – German (not included in sensor)	9023843	375	1
IFU DrägerSensor IR – English (not included in sensor)	9023981	375	1
IFU DrägerSensor IR – French (not included in sensor)	9023982	375	1
IFU DrägerSensor IR - Finnish / Swedish (not included in sensor)	9023983	375	1
IFU DrägerSensor IR - Spanish / Portuguese (not included in sensor)	9023984	375	1
IFU DrägerSensor IR - Hungarian / Polish (not included in sensor)	9023985	375	1
IFU DrägerSensor IR - Danish / Norwegian (not included in sensor)	9023986	375	1
IFU DrägerSensor IR - Italian / Dutch (not included in sensor)	9023987	375	1
Accessories			
Splash guard DSIR	6810796	348	1
Calibration adapter DSIR	6810859	348	1
Gassing/process adapter DSIR	6811330	348	1
Weather guard DSIR	6811135	348	1
Mounting set e DSIR	6811427	348	1
Mounting set d DSIR	6811426	348	1
Duct mount set DSIR	6810995	348	1
Magnetic wand	4544101	348	1
Junction box Ex e (rectangular)	6811299	348	1
Junction box Ex e (octagonal)	6811159	348	1
Junction box Ex d	6811161	348	1
Cable gland M20 set DSIR	6811323	348	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 1000

The Dräger REGARD 1000 is a versatile gas detection controller for up to four transmitters, with three freely configurable alarm relays. Operate it easily via a six-button interface.

Install it in a control cabinet or mount it on a wall so it fits into your work environment. The data logging function makes it easy to collect and analyse a wide range of information from the gas detection system.



REGARD 1000 Cabinet Module	3739313		
REGARD 1000 Wall Unit	3739312		
Data logging equipment (not included)			
Micro SD card up to 2 TB, Class 4 or higher			
Backup power for real-time clock during mains outage Lithium button cell CR2032			

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 2400 and 2410

Dräger REGARD 2400 and 2410 are flexible small control units for detection of toxic gases and oxygen as well as combustible gases and vapours. Combined with the Dräger transmitters or sensing heads Dräger REGARD 2400 or 2410 forms a low-maintenance gas detection system for reliable protection.



Dräger REGARD 2410	SC00011	382	1
Dräger REGARD 2400	SC00014	382	1
Configuration set	SC00040	382	1
Input-Output module	SC00018	382	1
Relay module	SC00019	382	1

Dräger Single- and Multi-Channel Control Panels Modular Monitoring Systems



Unigard LT

The new UniGard-Lt control panel is a modular concept for managing catalytic combustion or 4-20 mA transmitter explosimetric sensors. The addition of a master UniGard-Lt control panel provides flexibility for managing multi-channel systems.



Dräger REGARD® 3000

Monitor multiple gases and vapors with the REGARD® 3000 modular control panel. Thanks to its multicolor status indicator, you always know the status of your gas detection system. The control panel allows you to combine three different modules: input module, relay module, and communication module. You can connect a combination of up to four analog transmitters and eight relays.



Dräger REGARD® 7000

The Dräger REGARD® 7000 is a modular analysis system for monitoring numerous gases and vapors. Suitable for gas detection systems with varying levels of complexity and a large number of transmitters, the Dräger REGARD® 7000 also offers exceptional reliability and efficiency. An additional advantage: its backward compatibility with the REGARD®.

Overview of Dräger gas detectors

Overview of Dräger Fixed Detection Solutions

Control Panel



Dräger VarioGard



Dräger Regard 3000



Dräger Regard 7000
Control Panel

Custom Solutions



RVP 7000 Visualization
Screen



Supervision View Pro
7000

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 3000

Monitor various gases and vapours with the modular Dräger REGARD 3000 control system. Its multi-coloured status light signals the status of your gas detection system. The controller allows you to combine three different modules:

Input, Relay and Gateway module. You can connect up to four analogue transmitters and eight relays in combination.



Dräger REGARD® 3000 black

Dräger REGARD Display Unit black	3709719	383	1
Dräger REGARD 3000 Base Unit black	3705684	383	1

Dräger REGARD® 3000 Grey

Dräger REGARD 3000 Display Unit grey	3705685	383	1
Dräger REGARD 3000 Base Unit grey (incl. Docking station, Horn and power supply)	3706357	383	1

Dräger REGARD® cabinet mounting

Dräger REGARD 3000 Display Unit grey	3705685	383	1
Dräger REGARD 3000 Docking Station	3709678	383	1
Dräger REGARD 3000 Cabinet Wire Harness 2m	3704261	383	1
Dräger REGARD 3000 Adapter Plate Set	3711953	383	1

Dräger REGARD® Configuration SW

Dräger REGARD 3000/5000 PC-Software Key	3709533	383	1
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Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
System components			
Dräger REGARD 3000 4-20mA Input Module 2Ch	3705680	383	1
Dräger REGARD 3000/5000 4-20mA Input Module 4Ch	3705681	383	1
Dräger REGARD 3000/5000 Slotcover	3705672	383	1
Dräger REGARD 3000/5000 Relay Module 4Ch	3705687	383	1
Dräger REGARD 3000/5000 Relay Module 8Ch	3705688	383	1
Dräger REGARD 3000/5000 MB RTU Gateway Module	3705693	383	1
Dräger REGARD 3000/5000 MB TCP Gateway Module	3705694	383	1
Accessories			
REGARD 3000/5000 EMC Cabel Gland	3709674	383	1
Socket wrench for cable gland	3716411	383	1
Dräger REGARD 3000 Retaining Clip	3720165	383	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 3900 / 3910 / 3920

The Dräger REGARD 3900 is a standalone, self-contained control system for the detection of Toxic, Oxygen and Ex hazards.

The control system is fully configurable between 1 and 16 channels, depending upon the type and quantity of input/output boards installed.

Transmitter input boards for 4 to 20 mA signals can be mixed with relay output boards in the same control system.

The robust IP 65 housing allows the control system to be installed in almost any location, excluding hazardous, classified areas¹.

At any time, the control system can be up-graded to meet with plant extensions and changes.



Complete assembly excluding power supply			
REGARD 3900 1 + 1 (incl. housing, 1 input board + 1 relay board)	4208810	381	1
REGARD 3900 1 + 2	4208811	381	1
REGARD 3900 2 + 0	4208812	381	1
REGARD 3900 2 + 1	4208813	381	1
REGARD 3900 2 + 2	4208814	381	1
REGARD 3900 3 + 0	4208815	381	1
REGARD 3900 3 + 1	4208816	381	1
REGARD 3900 4 + 0	4208817	381	1
Components			
REGARD 3900 (incl. housing + display)	4208780	381	1
REGARD 3920 Basic unit (incl. housing + display)	4208850	381	1
REGARD 3910 (display board for mounting into cabinet)	4208830	389	1
REGARD 3910 ribbon cable (required for 4208830)	4208750	389	1
REGARD 3910 Back Plate (for mounting modules into cabinet)	4208831	381	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
REGARD 3900 / 3910 / 3920 4 to 20 mA input module 4 way	4208782	381	1
REGARD 3900 / 3910 / 3920 relay module	4208784	381	1
REGARD 3900 / 3920 mounting bracket	4208796	381	1
REGARD 3900 / 3910 / 3920 repeat 4 to 20 mA board, 8 outputs	4208797	381	1
Regard 3900 / 3910 / 3920 Configuration cable (software for free available on our homepage)	4208785	381	1
Power supply for DIN rail mounting, 110/230 VAC, 2.5A	4208745	381	1
Power supply for DIN rail mounting, 110/230 VAC, 5A	4208746	381	1
Power supply for DIN rail mounting, 110/230 VAC, 10A	4208747	381	1
REGARD 3900 ABS Junction Box (same size, for e.g. safety barriers, relays ...)	4208751	381	1
REGARD 3900 / 3910 / 3920 modbus gateway	SC00083	381	1
REGARD 3900 / 3910 / 3920 profibus gateway	AG01100	381	1
REGARD 3900 / 3910 / 3920 modbus TCP/IP gateway	SD13037	381	1
REGARD 3900 / 3910 / 3920 profinet gateway	8328218	381	1
REGARD 3900 / 3920 gateway cable	SC00084	381	1
REGARD 3910 gateway cable only without display board	SC00085	381	1
Visualisation Panel			
RVP 3900	3712818	381	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems

Dräger REGARD® 7000

The Dräger REGARD 7000 is a modular and therefore highly expandable analysis system for monitoring various gases and vapours.

Suitable for gas warning systems with various levels of complexity and numbers of transmitters, the Dräger REGARD 7000 also features exceptional reliability and efficiency. Another benefit is the backward compatibility with the REGARD.



Dashboards Configurator

To avoid inconvenience for the customer the Dashboard can be delivered with already activated Add-Ons via the Configurator.

REGARD 7000 Dashboard conf	3706706	350	
REGARD 7000 Add-On Systems Reports (add-on includes Component-Report and System Documentation)	3710760	350	1

Dashboards Basic Units

REGARD 7000 Dashboard Basic Unit	3706704	350	1
REGARD 7000 Dashboard Basic Unit maritim	3706705	350	1

Modules

REGARD 7000 Docking Station 8-Slot	8322286	350	1
REGARD 7000 Docking Station 4-Slot	8322320	350	1
REGARD 7000 Slot Cover	8323812	350	1
REGARD 7000 4-20 mA Input Module c/w HART	8327250	350	1
REGARD 7000 Digital Input Module	8324003	350	1
REGARD 7000 Relay Module 24 V DC	8323250	350	1
REGARD 7000 Relay Module 240V AC	8324010	350	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
REGARD 7000 Relay Module 24 V DC complex	8324874	350	1
REGARD 7000 Relay Module 240V AC complex	8324875	350	1
REGARD 7000 Terminal Block 2 pole	8324871	350	1
REGARD 7000 Terminal Block 16 poles	8324017	350	1
REGARD 7000 Terminal Block 16 pole Res	8328202	350	1
REGARD 7000 Terminal Block 24 pole AC	8324016	350	1
REGARD 7000 Terminal Block 24 pole DC	8324020	350	1
REGARD 7000 Bridge Module	8324870	350	1
REGARD 7000 Modbus RTU Gateway Kit	8324872	350	1
REGARD 7000 Long Distance Gateway Set I	8323815	350	1
REGARD 7000 Profibus Gateway Set	8328191	350	1
REGARD 7000 Profinet Gateway Set	8328196	350	1
REGARD 7000 Modbus RTU Client Modul	8328200	350	1
REGARD 7000 Modbus TCP Gateway Set	3707174	350	1
REGARD 7000 OPC UA Server	3704232	350	1
REGARD 7000 PC configuration software (available via download)			
REGARD 7000 PC-Software Key	8327253	350	1
REGARD 7000 Retaining bracket set (7x)	8327257	350	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Control Systems Dräger VarioGard

The Dräger VarioGard is a state of the art system for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit. The system is extremely flexible and can be configured by software to meet the needs of various applications.



Central Units			
VarioGard Central Unit DE 230 V Wall for wall mounting	8315150	349	1
VarioGard Central Unit DE 230 V Cabinet for installation in switch cabinet	8315160	349	1
VarioGard Central Unit EN 230 V Wall for wall mounting	8315350	349	1
VarioGard Central Unit EN 230 V Cabinet for installation in switch cabinet	8315360	349	1
VarioGard Central Unit EN 115 V Wall for wall mounting	8315370	349	1
VarioGard Central Unit EN 115 V Cabinet for installation in switch cabinet	8315380	349	1
Dräger VVP 1000			
Dräger VVP 1000 (1:1)	8325681	349	1
Dräger VVP 1000 (1:2)	8325682	349	1
Dräger VVP 1000 (1:3)	8325683	349	1
VarioGard modbus gateway	8324834	349	1
Manual			
IFU-Dräger VarioGard gas detection system	9033185	349	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Modules			
VarioGard battery module without battery	8315178	349	1
VarioGard lead battery pack	8315569	349	1
VarioGard relay module	8315238	349	1
VarioGard converter module 4 to 20 mA / BUS	8315226	349	1
VarioGard repeater	8317146	349	1
Accessories			
VarioGard wall housing (for installation of relay module, converter module and repeater)	8315647	349	1

Flame Detection

Optical Sensor Technology

A wide range of flame detectors, including visual, IR, UV, or combined technology, meets all hydrocarbon and inorganic fire monitoring requirements.



Dräger Flame 1500 (IR3)

With its triple infrared sensor, the Dräger Flame 1500 detects hydrocarbon fires at very long distances. It also offers strong protection against false alarms.



Dräger Flame 3000

The detector is very easy to install thanks to its stainless steel mounting bracket. The swiveling mounting bracket ensures optimum alignment of the detector towards potential fire sources. A three-color LED provides an indication of the detector's status to personnel in the immediate vicinity of the system.



Dräger Flame 5000

The Dräger Flame 5000 is an explosion-proof flame detector. This visual flame detection system relies on digital image analysis and sophisticated algorithms to interpret flame characteristics. This device offers a wide field of vision and fewer nuisance alarms. Each detector is equipped with a color CCTV camera.

Overview of Dräger gas detectors

Flame Detection

Optical Sensor Technology



Flame 1350



Flame 1500 – IR3



Flame 1750 – IR3 H2

Image Analysis Technology



Flame 3000



Flame 5000

Dräger Flame Series

Radiation and Visual

Radiation and visual flame detectors can detect a broad range of fires. This versatility makes them suitable for various applications and environments.

	Hydrocarbon Fires	Hydrogen Fires	Metal Fires	Silane Fires	Methanol
Dräger Flame 1350 UV/IR	•		•		•
Dräger Flame 1500 IR3	•				•
Dräger Flame 1750 H ₂ IR3	•	•			•
Dräger Flame 3000	•			•	
Dräger Flame 5000	•			•	

• Recommended • Detection is possible



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Dräger Flame 1000 Series

Dräger Flame 1500 is an explosion proof flame detector using infrared sensors to detect hot CO₂ emitted from hydrocarbon fires. This IR3 detector uses highly advanced algorithms to process and interpret flame characteristics and is therefore more resistant against false alarms compared to other flame detectors.



Detector			
Dräger Flame 1350 2x3/4" NPT stainless steel	3724440	388	1
Dräger Flame 1350 2x3/4" NPT aluminium	3724441	388	1
Dräger Flame 1350 2xM25 stainless steel	3724442	388	1
Dräger Flame 1350 2xM25 aluminium	3724443	388	1
Dräger Flame 1500 2xM25 aluminium	3721519	388	1
Dräger Flame 1500 2xM25 stainless steel	3721518	388	1
Dräger Flame 1500 2x3/4" NPT aluminium	3721517	388	1
Dräger Flame 1500 2x3/4" NPT stainless steel	3721516	388	1
Dräger Flame 1750 2x3/4" NPT stainless steel	3724444	388	1
Dräger Flame 1750 2x3/4" NPT aluminium	3724445	388	1
Dräger Flame 1750 2xM25 stainless steel	3724446	388	1
Dräger Flame 1750 2xM25 aluminium	3724447	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Dräger Flame 3000

Dräger Flame 3000 is an imaging based explosion proof flame detector. This multi-channel IR visual flame detection system uses digital signal processing and advanced algorithms to process and interpret flame characteristics. This principle offers an extended field of view and fewer false alarms compared to conventional flame detectors.



Aluminium housing			
Dräger Flame 3000 1 x M25	4209460	388	1
Dräger Flame 3000 2 x M25	4209461	388	1
Dräger Flame 3000 1 x M20	4209462	388	1
Dräger Flame 3000 2 x M20	4209463	388	1
Dräger Flame 3000 1 x 3/4" NPT	4209464	388	1
Dräger Flame 3000 2 x 3/4" NPT	4209465	388	1
Dräger Flame 3000 1 x 1/2" NPT	4209476	388	1
Dräger Flame 3000 2 x 1/2" NPT	4209467	388	1
Stainless steel housing			
Dräger Flame 3000 1 x M25	4209468	388	1
Dräger Flame 3000 2 x M25	4209469	388	1
Dräger Flame 3000 1 x M20	4209470	388	1
Dräger Flame 3000 2 x M20	4209471	388	1
Dräger Flame 3000 1 x 3/4" NPT	4209477	388	1
Dräger Flame 3000 2 x 3/4" NPT	4209478	388	1
Dräger Flame 3000 1 x 1/2" NPT	4209474	388	1
Dräger Flame 3000 2 x 1/2" NPT	4209475	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection

Dräger Flame 5000 (CCTV)

The Dräger Flame 5000 is an explosion proof colour imaging based flame detector. Each detector operates standalone and incorporates, within a single unit, an integrated CCTV system; digital signal processing and software algorithms to process live video image and interpret the characteristics of a flame.



Aluminium housing			
Dräger Flame 5000, 1 x M20, 4-20mA, PAL	4209308	388	1
Dräger Flame 5000, 2 x M20, 4-20mA, PAL	4209496	388	1
Dräger Flame 5000, 1 x M20, 4-20mA, NTSC	4209348	388	1
Dräger Flame 5000, 1 x M20, Relay, PAL	4209349	388	1
Dräger Flame 5000, 2 x M20, Relay, PAL	4209524	388	1
Dräger Flame 5000, 1 x M20, Relay, NTSC	4209309	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, PAL	4209333	388	1
Dräger Flame 5000, 2 x M25, 4-20mA, PAL	4209494	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, NTSC	4209352	388	1
Dräger Flame 5000, 1 x M25, Relay, PAL	4209353	388	1
Dräger Flame 5000, 2 x M25, Relay, PAL	4209521	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, NTSC	4209350	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, PAL	4209351	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, NTSC	4209310	388	1
Stainless steel housing			
Dräger Flame 5000, 1 x M20, 4-20mA, PAL	4209320	388	1
Dräger Flame 5000, 2 x M20, 4-20mA, PAL	4209495	388	1
Dräger Flame 5000, 1 x M20, 4-20mA, NTSC	4209354	388	1
Dräger Flame 5000, 1 x M20, Relay, PAL	4209355	388	1



Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Flame 5000, 2 x M20, Relay, PAL	4209522	388	1
Dräger Flame 5000, 1 x M20, Relay, NTSC	4209321	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, PAL	4209335	388	1
Dräger Flame 5000, 2 x M25, 4-20mA, PAL	4209479	388	1
Dräger Flame 5000, 1 x M25, 4-20mA, NTSC	4209358	388	1
Dräger Flame 5000, 1 x M25, Relay, PAL	4209359	388	1
Dräger Flame 5000, 2 x M25, Relay, PAL	4209523	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, PAL	4209323	388	1
Dräger Flame 5000, 1 x 3/4" NPT, 4-20mA, NTSC	4209356	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, PAL	4209357	388	1
Dräger Flame 5000, 1 x 3/4" NPT, Relay, NTSC	4209322	388	1
Accessories for Flame 5000			
Balanced line to BNC video converter (4 channel)	4209327	388	1

Accessories and cable glands can be found in a separate price list

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Flame Detection Accessories

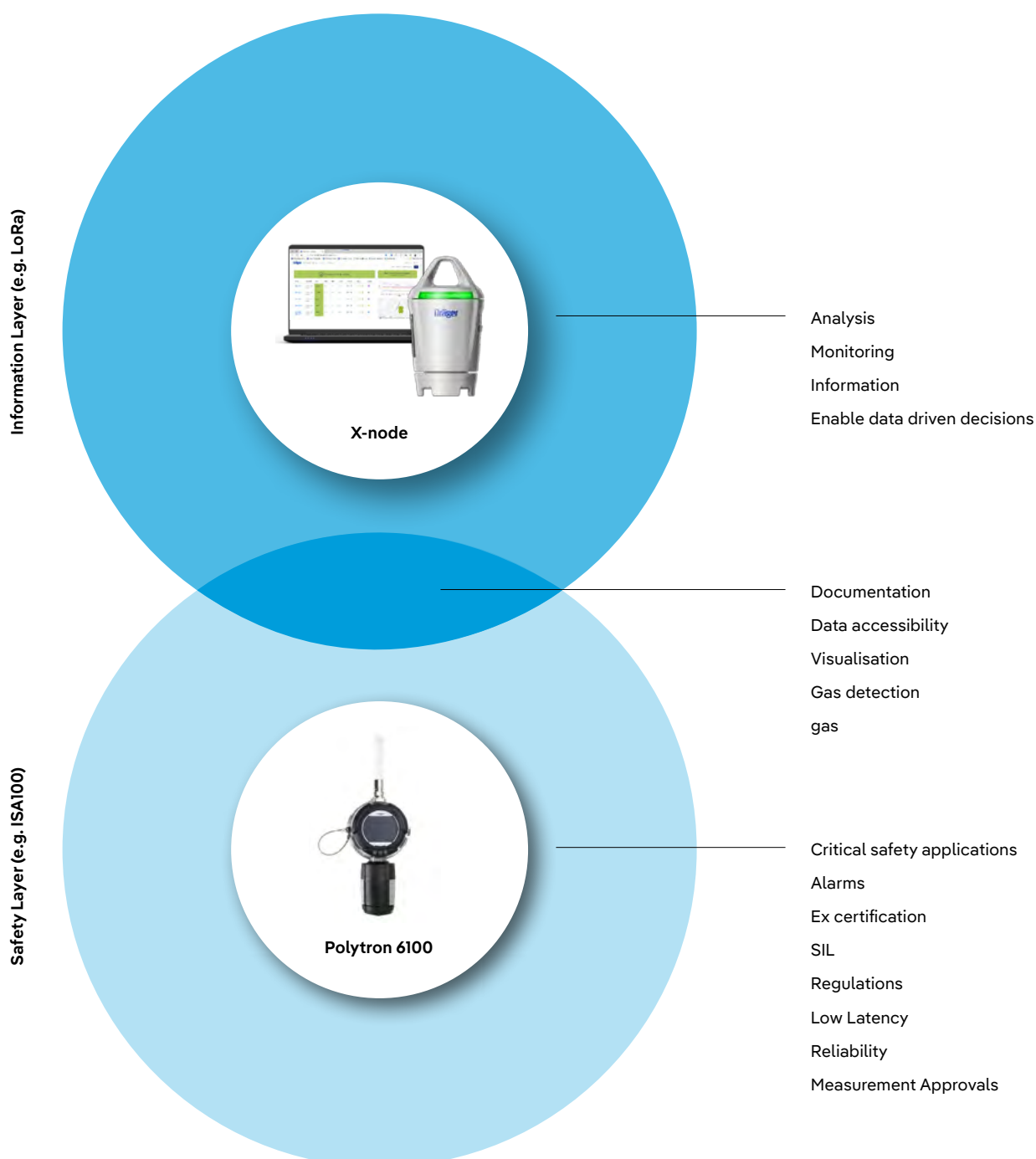
These accessories can be used for all Dräger Flame Detectors.

Accessories			
Dräger Flame Simulator FS-5000	4209307	388	1
Bracket Standard - 316 stainless steel	3718732	388	1
Bracket Marine - 316 stainless steel	3701298	388	1
Sealing Kit Detector – metric	3701303	388	1
Sunshield - Flame 1x00/3x00/5x00	3701299	388	1
Mount Kit - 2" pole	3701300	388	1
Mount Kit - 3" pole	3701301	388	1
Mount Kit - 4" pole	3701302	388	1
Air Shield - Flame stainless steel (grey)	3724460	388	1
Air Shield - Flame aluminium (red)	3724461	388	1
Duct Mount - Flame stainless steel	3724462	388	1
Adaptor Bracket - Flame stainless steel	3724463	388	1
Modem - USB HART Flame	3724464	388	1
Charger - Flame Simulator FS-5000	3724465	388	1
Converter - USB to RS485 Flame	3724466	388	1

Wireless Fixed Gas Detection Systems

Different communication layer for different applications.

Not designed for **alarming** No 4-20 mA **critical** nor REGARD connectivity.





Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Software

Licence for Dräger PRC 7000 Remote Control Software	3701228	316	1
Licence for Dräger PRC 7010 Remote Control Software	3701229	316	1
Dräger PolySoft Basic, Configuration Software License (free updates for 1 year)	8328600	316	1
Dräger PolySoft Basic, Configuration Software License (yearly fee - unlimited free updates)	8328601	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (free updates for 1 year)	8328639	316	1
Dräger PolySoft Premium, Configuration Software (for uploading IR gas config) License (yearly fee - lifetime updates for free)	8328640	316	1
Dräger REGARD interface card (incl. configuration software and USB cable)	8322990	380	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Calibration Accessories



Gasing adapter PE for DrägerSensor EC, Ex	6806978	348	1
Calibration adapter V for DrägerSensor EC, Ex	6810536	348	1
Remote calibration adapter for DrägerSensor EC, Ex	6807955	348	1
Calibration-/process adapter AC for Polytron 3000, 7000	6809380	348	1
Calibration-/process adapter 2 AC for Polytron Transmitter	8324093	348	1
Supplemental calibration adapter IR Ex HC + IR CO₂	6809240	348	1
Calibration adapter IR for splashguard	6809780	348	1
Calibration adapter DSIR	6810859	348	1
Start-up kit f. HF/HCl L and AC (Pipette, electrolyte for initial operation of max. 4 channels)	6809381	348	1
Start-up kit Cl₂ L (Pipette, electrolyte for initial operation of max. 4 channels)	6809382	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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General Accessories



Sampling Devices			
PSD 3000 (Polytron Sampling Device)	8319270	348	1
Selective Filter			
Selective filter AS	6806445	348	1
Selective filter A2F (for DrägerSensor CO, CO LS and H ₂)	6809684	348	1
Selective filter BF (for DrägerSensor HCN, Hydrides and Hydrides SC)	6809653	348	1
Selective filter MF (for DrägerSensor Hydrides and PH ₃ /AsH ₃)	6809638	348	1
Selective filter K2F (for DrägerSensor COCl ₂)	6809933	348	1
Selective filter NF (for DrägerSensor HCl)	6809643	348	1
Selective filter HSF (for DrägerSensor Hydrides)	6809862	348	1
Selective filter K1F (for DrägerSensor SO ₂)	6809663	348	1
Selective filter D3F (for DrägerSensor CO, CO LS, CO LH, H ₂)	6812435	348	1
Dust Filter			
Dust filter (not suitable for DrägerSensor Ex LC M)	6810537	348	1
Dust filter (for electrochemical DrägerSensors Type 3)	6809595	348	1
Dust filter	6812224	348	1

Gas Detection Technology

Fixed Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Bling Plugs Reducer/Adapter Cable Glands

Blind Plugs			
Blind Plug M25 Ex d (NP Brass)	3721366	348	
Blind Plug M25 Ex d (StSt)	3721367	348	
Blind Plug 3/4 NPT Ex d (NP Brass)	6812269	348	
Blind Plug 3/4 NPT Ex d (StSt)	4544321	348	
Reducer / Adapter			
Reducer M25 to M20 Ex d (NP Brass)	3721368	348	
Reducer M25 to M20 Ex d (StSt)	3721377	348	
Reducer 3/4NPT to 1/2NPT Ex d (NP Brass)	3721370	348	
Reducer 3/4NPT to 1/2NPT Ex d (StSt)	3721371	348	
Reducer 3/4NPT to M20 Ex d (NP Brass)	3721376	348	
Adapter M25 to 3/4NPT Ex d (NP Brass)	3721372	348	
Adapter M25 to 3/4NPT Ex d (StSt)	3721373	348	
Adapter 3/4NPT to M25 Ex d (NP Brass)	3721374	348	
Adapter 3/4NPT to M25 Ex d (StSt)	3721375	348	
Cable Glands			
Cable gland M20 Ex d (Non-Arm, NP Brass)	3721382	348	
Cable gland M20 Ex d (Non-Arm, StSt)	3721383	348	
Cable gland M25 Ex d (Non-Arm, NP Brass)	3721384	348	
Cable gland M25 Ex d (Non-Arm, StSt)	3721385	348	
Cable gland 3/4NPT Ex d (Non-Arm, NP Brass)	3721386	348	
Cable gland 3/4NPT Ex d (Non-Arm, StSt)	3721387	348	
Cable gland M20 Ex d (Arm, NP Brass)	3721388	348	
Cable gland M20 Ex d (Arm, StSt)	3721389	348	
Cable gland M25 Ex d (Arm, NP Brass)	3721390	348	
Cable gland M25 Ex d (Arm, StSt)	3721391	348	
Cable gland 3/4NPT Ex d (Arm, NP Brass)	3721392	348	
Cable gland 3/4NPT Ex d (Arm, StSt)	3721393	348	
Cable gland M20 Ex e (NP Brass)	3721394	348	
Cable gland 3/4NPT Ex d (Arm, NP Brass)	3721395	348	

Gas Detection Technology

Fixed Gas Detection Systems

Bling Plugs

3721366	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721367	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
6812269	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	NA
4544321	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	NA

Reducer/Adapter

3721368	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721377	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721370	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721371	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721372	M25	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721373	M25	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721374	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721375	3/4 NPT	Stainless steel	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C
3721376	3/4 NPT	Nickel-plated brass	NA	NA	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +130°C

Gas Detection Technology

Fixed Gas Detection Systems

Cable glands

3721382	M20	Nickel-plated brass	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721383	M20	Stainless steel	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721384	M25	Nickel-plated brass	14 - 20mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721385	M25	Stainless steel	10 - 18mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721386	3/4 NPT	Nickel-plated brass	14 - 20mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721387	3/4 NPT	Edelstahl / Stainless steel	10 - 18mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +80°C
3721388	M20	Nickel-plated brass	6-11 / 8-15mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721389	M20	Stainless steel	6-11 / 8-15mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721390	M25	Nickel-plated brass	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721391	M25	Stainless steel	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721392	3/4 NPT	Nickel-plated brass	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721393	3/4 NPT	Stainless steel	10-15.5 / 13.5-21mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-60 - +100°C
3721394	M20	Nickel-plated brass	4 - 12mm	No	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-40 - +80°C
3721395	3/4 NPT	Nickel-plated brass	13.5-20.5 / 18-27mm	Yes	II 2G Ex db IIC Gb II 2G Ex eb IIC Gb II 2D tb IIIC Db IP66/68	-40 - +80°C



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Overview of Dräger gas detectors





Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Single Toxic Gas Instruments Dräger Pac®-Family

The Dräger Pac instruments are the new generation of single gas measuring and warning instruments from Dräger. Small and robust, ergonomic and intuitive, cost-effective and powerful - the Pac family is tailor-made for personal monitoring in the workplace.

Dräger Pac 6000 & 6500 instruments guarantee the reliable monitoring of ambient air and provide a fast warning for harmful concentrations of carbon monoxide, hydrogen sulphide, sulphur dioxide and oxygen. The Dräger Pac 8000 is available for other gases like nitrogen dioxide, hydrogen cyanide, ozone or phosgene, whereas the Dräger Pac 8500 includes dual XXS sensors. The different instrument versions are available for a number of applications during daily work.



Dräger Pac® 6000

The maintenance-free Dräger Pac 6000 can be used without replacing the battery or the DrägerSensor for 2 years. The language-free display indicates the gas and actual gas concentration, the event logger shows up to 60 events.

In order to accommodate a wide range of customer requirements each Dräger Pac 6000 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 6000 (Construction kit) Limited single gas instrument for exchangeable sensors				8326340	338	1
Instrument with respective sensor		•				
Pac 6000 H ₂ S LC						
Pac 6000 CO LC						
Pac 6000 O ₂						
Pac 6000 SO ₂						
The Instruction for Use can be downloaded here: https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Customer specific instrument settings		•				
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label		•				1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Pac® 6000 with pre-set settings

Dräger Pac 6000 H ₂ S LC	0 - 200 ppm	5 / 10 ppm	8326320	338	1
Dräger Pac 6000 CO LC	0 - 2000 ppm	30 / 60 ppm	8326321	338	1
Dräger Pac 6000 O ₂	0 - 25 Vol.-%	19.5; 22.5/19; 23 Vol.-%	8326322	338	1
Dräger Pac 6000 SO ₂	0 - 100 ppm	0.5 / 1.0 ppm	8326323	338	1

Pac® 6000 Life Time Extension

License lifetime extension Pac 6000 (750 days)			3727138	338	1
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The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger Pac® 6500

The Dräger Pac 6500 has an unlimited operating time. A recalibration is necessary in an interval of up to 2 years. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 6500 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 6500 (construction kit) Limited single gas instrument for exchangeable sensors				8326341	338	1
Instrument with respective sensor		•				
Pac 6500 H ₂ S LC						
Pac 6500 CO LC						
Pac 6500 O ₂						
Pac 6500 SO ₂						
The Instruction for Use can be downloaded here: https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Customer specific instrument settings			•			
Bluetooth			•			
Open GATT Interface			•			
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label			•			1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Pac® 6500 with global pre-set settings

Dräger Pac 6500 H ₂ S LC	0 - 200 ppm	5 / 10 ppm	8326330	338	1
Dräger Pac 6500 CO LC	0 - 2000 ppm	30 / 60 ppm	8326331	338	1
Dräger Pac 6500 O ₂	0 - 25 Vol.-%	19.5; 22.5/19; 23 Vol.-%	8326332	338	1
Dräger Pac 6500 SO ₂	0 - 100 ppm	0.5 / 1.0 ppm	8326333	338	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger Pac® 8000

The Dräger Pac 8000 has an unlimited operating time. It offers a number of sensors for gases of special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 8000 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 8000 (construction kit) Unlimited single gas instrument for exchangeable sensors				8326342	308	1
Instrument with respective sensor		•				
Pac 8000 NO						
Pac 8000 NO ₂ LC						
Pac 8000 CO ₂						
Pac 8000 Cl ₂						
Pac 8000 HCN						
Pac 8000 NH ₃						
Pac 8000 PH ₃						
Pac 8000 OV						
Pac 8000 OV-A						
Pac 8000 Ozone						
Pac 8000 Phosgene						
Pac 8000 H ₂ %LEL						

The Instruction for Use can be downloaded here: <https://www.draeger.com/ifu>

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Manufacturer Certificate online available on D.World			
Customer specific instrument settings			
Bluetooth			
Open GATT Interface			
Special calibrations for OV / OV-A sensors			
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)			
Service label			1

The information regarding the accessories can be found under the heading "Pac Accessories".

Pac® 8000 with global pre-set settings

Dräger Pac 8000 NO	0 - 200 ppm	5 / 10 ppm	8326350	308	1
Dräger Pac 8000 NO ₂ LC	0 - 50 ppm	0.5 / 1.0 ppm	8326358	308	1
Dräger Pac 8000 CO ₂	0 - 5 Vol.-%	0.5 / 1.0 Vol.-%	8326351	308	1
Dräger Pac 8000 Cl ₂	0 - 20 ppm	0.5 / 1.0 ppm	8326352	308	1
Dräger Pac 8000 HCN	0 - 50 ppm	1.9 / 3.8 ppm	8326353	308	1
Dräger Pac 8000 H ₂	0 - 100%LEL (0-4 Vol.%)	20/40 %LEL	3729680	308	1
Dräger Pac 8000 NH ₃	0 - 300 ppm	20 / 40 ppm	8326354	308	1
Dräger Pac 8000 PH ₃	0 - 20 ppm	0.1 / 0.2 ppm	8326355	308	1
Dräger Pac 8000 OV	0 - 200 ppm	10 / 20 ppm	8326356	308	1
Dräger Pac 8000 OV-A	0 - 200 ppm	10 / 20 ppm	8326357	308	1
Dräger Pac 8000 Ozone	0 - 10 ppm	0.1 / 0.2 ppm	8326359	308	1
Dräger Pac 8000 Phosgene	0 - 10 ppm	0.1 / 0.2 ppm	8326360	308	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger Pac® 8500

The Dräger Pac 8500 has an unlimited operating time. It offers dual sensors to cover two different gases present at the same time in special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values. If you order the devices with Bluetooth option, you can use Dräger GasDetectionConnect and the new Dräger Con Hub. This means that your single-gas detector is fully integrated into the digital Dräger world and you can benefit from all its advantages.

In order to accommodate a wide range of customer requirements each Dräger Pac 8500 could be delivered according to the customer specifications.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger Pac 8500 (construction kit) Unlimited single gas instrument for exchangeable sensors				8326343	308	1
Instrument with respective sensor		•				
Pac 8500 H ₂ S LC / CO LC						
Pac 8500 O ₂ / CO LC						
Pac 8500 O ₂ / H ₂ S LC						
Pac 8500 CO H ₂ -CP						
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
Manufacturer Certificate online available on D.World						
Bluetooth		•				
Open GATT Interface		•				
Customer specific instrument settings		•				
Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Service label		•				1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Pac® 8500 with pre-set settings

Dräger Pac 8500 H ₂ S LC/CO LC	0 - 2000 ppm CO 0 - 100 ppm H ₂ S	30 / 60 ppm 5 / 10 ppm	8326365	308	1
Dräger Pac 8500 O ₂ /CO-LC	0 - 2000 ppm CO 0 - 25 Vol.-% O ₂	30 / 60 ppm 19.5; 22.5/19; 23.5 Vol.-%	8326366	308	1
Dräger Pac 8500 O ₂ /H ₂ S LC	0 - 100 ppm H ₂ S 0 - 25 Vol.-% O ₂	5 / 10 ppm 19.5; 22.5/19; 23.5 Vol.-%	3702251	308	1
Dräger Pac 8500 CO H ₂ -CP	0 - 2000 ppm CO	30 / 60 ppm	8326367	308	1

The information regarding the accessories can be found under the heading "Pac Accessories".

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Accessories for the Dräger Pac®-Series



Calibration Accessories

Calibration adapter Dräger Pac Series	8318588	332	1
Dräger X-dock 5300 Pac Set consisting of one master (3 gases), one instrument module and one power supply (8321849)	8321881	332	1
Dräger Bump Test Station Dräger Pac Without gas cylinder	8317410	332	1
Dräger Bump Test Station Dräger Pac complete With one test gas cylinder (please select in the order):	8318586	332	1
50 ppm NH ₃ /N ₂	6811352		
100 ppm CO/N ₂	6812252		
2.5 Vol.-% CO ₂ /air	6810391		
20 ppm H ₂ S/N ₂	6810393		
25 ppm H ₂ S/N ₂	6812114		
100 ppm H ₂ S/N ₂	6812112		
18 Vol.-% O ₂ /N ₂	6811250		
10 ppm HCN/N ₂	6810642		
50 ppm NO/N ₂	6812378		
10 ppm NO ₂ /N ₂	3713477		
0.5 ppm PH ₃ /N ₂	6810647		
10 ppm SO ₂ /N ₂	6810645		
10 ppm C ₂ H ₄ O/N ₂	6812110		
100 ppm CO, 18 Vol.-% O ₂	6812963		
15 ppm H ₂ S, 50 ppm CO, 18 Vol.-% O ₂	6813100		
Test gas 60 L, 50 ppm CO/air	6811117		

You will find additional information regarding test gases in the accessories price list.

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Communication Accessories			
Communication Module for Dräger Pac Series Complete with USB cable	8318587	302	1
Software Solutions			
Dräger GasVision license key 45 days trial version free of charge available in the Internet www.draeger.com/software	8325646	337	1
Dräger CC-Vision Basic Free of charge available in the Internet www.draeger.com/software			
Dräger Pac Open GATT License (Amount of licenses chooseable)*	3721647	337	1
*The use of the Open GATT interface requires the activation/use of the Bluetooth module of the Dräger device. The information regarding Gas Detection Connect licenses can be found under the heading "Software Solutions" in the respective price list.			
Bags			
Leather bag	8328278	336	1
Other Accessories			
Battery for Pac 6x00/8x00	8326856	336	1
Sensor grid Pac 8x00 (4 pc.), incl. water and dust filter	8326852	393	1
Sensor grid Pac 6x00 (4 pc.), incl. water and dust filter	8326853	393	1
Sensor grid Pac 8x00 (40 pc.), incl. water and dust filter	8326859	393	1
Sensor grid Pac 6x00 (40 pc.), incl. water and dust filter	8326857	393	1
Spare Part Set Grip Clip, incl. screws	8319186	393	1
Case screws f. Pac 6x00/8x00 (20 pc.)	8326858	393	1
Display protection film (10 pcs)	8328279	336	1
Spare Parts			

If you need spare parts, please contact your local Dräger Service.

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Single Toxic Gas Instruments

Dräger X-am® 5100

The Dräger X-am 5100 is a small lightweight 1-Gas-Detection Instrument, which is specially designed for the requirements for personal monitoring. It can be equipped with an electrochemical Sensor either for hydrogen peroxide, hydrazine or for hydrogen fluoride / hydrogen chloride.

In order to accommodate a wide range of customer requirements each Dräger X-am 5100 is assembled immediately before delivery according to the customer's Specifications.

An order for a complete Instrument consists of:

- Instrument
- Sensor
- Power pack
- optional special calibrations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5100 (construction kit) Unlimited single gas instrument for exchangeable sensors. With selectable special calibrations incl. adjustable alarm levels to country specific standards				8322750	308	1
Event- and Data logger Manufacturer Certificate & Calibration Certificate	• •		•			
Sensors (1 Sensor selectable)		•				
DrägerSensor XS EC H ₂ O ₂				6809170	368	1
DrägerSensor XS EC HF / HCl*				6809140	368	1
DrägerSensor XS EC Hydrazine *				6809190	368	1
Rechargeable NiMH T4 power pack				3703887	336	1
Customer specific instrument settings			•			1
*Special calibration for sensors			•			1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger X-am® 5100 with pre-set settings

These instruments include

- the corresponding sensor with pre-set factory settings
- event and data logger
- manufacturer certificate
- calibration certificate

A power supply is **not** included and must be ordered separately.

Dräger X-am 5100 H₂O₂ Global	0 - 20 ppm	1.0 / 2.0 ppm	8326590	308	1
Dräger X-am 5100 HF/HCl Global	0 - 30 ppm	5 / 10 ppm	8326591	308	1
Additional Power Supplies					
Power Pack & Charging Set 2.0 Consisting of: NiMH power pack T4, charging module, single charger (worldwide) for 1 charging module			3703889	336	1
Charging Set Basic Consisting of: charging module, single charger (worldwide) for 1 charging module			8320333	336	1
Calibration Accessories					
Calibration adapter Dräger X-am 5100 You will find additional information regarding test gases in the "Test Gases and Regulators" price list.			6806291	332	1
Spare Parts					

If you need any Spare parts, please order the following Spare parts list.

Dräger X-am 5x00

4638.230

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Portable Gas Detection Instruments

Multi Gas Detection Instrument

Dräger X-am® 2600

The X-am 2600 multi-gas detector measures combustible gases, oxygen, carbon monoxide and hydrogen sulphide. With the software Dräger Gas Detection Connect it offers live data transmission and powerful fleet management.

The device has been optimized for personal monitoring in diffusion mode and offers maximum safety with low operating costs. The initial period of use of the device is 3 years, with the option to extend this as often as required with a license.

(Not compatible to Dräger X-zone and Dräger X-am pump.)



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 2600 Dräger X-am 2600: CH ₄ , O ₂ , CO, H ₂ S Factory setting with standard alarm thresholds. With power supply (3703887), without charger , incl. Bluetooth. CatEx: Measuring gas: methane % LEL, Oxygen 0 - 30 vol.-% Digital IFU & calibration certificate. (The Basic charging set, for example, is also required for charging, part number: 83 20 333)						
X-am 2600 CH₄, O₂, CO, H₂S				3735430	303	1
1st cluster Instruction for Use (9300307) DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C 2nd cluster Instruction for Use (9300428) BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI INSTRUCTION FOR USE (ONLINE AVAILABLE: WWW.DRAEGER.COM/IFU) CALIBRATION CERTIFICATE (ONLINE AVAILABLE: HTTPS://WWW.DRAEGER.COM/PRODUCTIONCERTIFICATES)						
Power packs and charging set						
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)				8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.				3703889	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description			Order Code	Product Category	Packing unit
Bluetooth® - communication protocol for integration into third-party systems (openGATT licence) (used for activation in PC software CC Vision)					
Dräger X-am Open GATT licence (amount of licenses chooseable)			3723353	337	
X-am 2600 lifetime extension					
License lifetime extension X-am 2600 (750 days)			3736525	303	
Other accessories					
Transponder reader (for reading RFID chip)			6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)			3703852	336	1
Set of stickers X-am 2800/5800 red (10x)			3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)			3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)			3703855	336	1
Set of stickers X-am 2800/5800 green (10x)			3703856	336	1
Set display protection cover X-am 2800/5800 (10x)			3703857	336	1
Set Upgrade RFID-Transponder (5x)			3703898	336	1
Seal ring extractor (for changing XXS sensors). (Selected sensors are supplied with a similar tool ex works)			R21402	971	1
Spare Sensors (1-4 Sensors selectable)					
CatEx SR (0-100% LEL)*			6851900	364	1
DrägerSensor XXS O2 PR* (0-30 Vol.-%)			6800530	368	1
DrägerSensor XXS CO-LC*			6813210	368	1
DrägerSensor XXS H2S LC*			6811525	368	1
* 3 years warranty					
If you need any Spare Parts, please order the following Spare parts list. Dräger X-am 2600			E 4638.280		

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas Detection Instruments

Dräger X-am® 2800

The X-am 2800 multi-gas detector measures up to four gases and is equipped with a shock resistant CatEx sensor.

With the Dräger Gas Detection Connect software, it offers live data transmission and powerful fleet management. Designed for personal monitoring, the X-am 2800 offers you the highest level of safety at a low cost of ownership. It can be equipped with one catalytic Ex-sensor and three electro-chemical sensors at maximum. The instrument supports the X-am pump.

In order to accommodate a wide range of customer requirements the Dräger X-am 2800 "Flex" is assembled immediately before delivery according to the customer specifications. The customer specific settings like alarm thresholds, calibration gas settings, passwords and many more are optional.

An order for a complete instrument consists of:

- Instrument incl. Bluetooth (and power pack)
- Hardware options: RFID transponder
- Software options: Open GATT licence
- Sensors
- Charging equipment (and power pack if not already part of the instrument)
- Optional special calibrations / configurations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 2800 "Flex" (construction kit) Instrument with 1 to 4 sensors. With selectable special calibrations. Standard calibration of the Ex-sensor: Methane 0-100 %LEL Incl. alarm levels set to country specific standards.				3703900	303	1
Predefined sensor combinations						
X-am 2800 Ex, O ₂ (PR), CO LC, H ₂ S LC						
X-am 2800 Ex, O ₂ (PR), CO LC						
X-am 2800 Ex, O ₂ (PR), H ₂ S LC						
X-am 2800 Ex, O ₂ (PR)						
X-am 2800 Ex						
X-am 2800 Ex, O ₂ (PR), CO LC, NO ₂						
X-am 2800 Ex, O ₂ (PR), H ₂ S LC, SO ₂						

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Or with free definable sensor combinations			
Standard sensors are: O ₂ , O ₂ PR, CO LC, H ₂ S LC, CatEx SR			
Special sensors are: SO ₂ , NO ₂			
4 gas (Standard sensors)			
3 gas (Standard sensors)			
2 gas (Standard sensors)			
1 gas (Standard sensor)			
If special sensors chosen additional costs for each sensor:			
Special calibration for sensors		•	
Customer specific configuration (alarm levels, gas concentrations, intervals, ...)		•	
Bluetooth (included, not available for selected countries)	•		
Open GATT license		•	1
RFID chip		•	1
Calibration certificate online available www.draeger.com/productioncertificates & manufacturer certificate online available on D.World			
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu		•	1
1st cluster IFU 9300307 DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C			
2nd cluster IFU 9300428 BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI			
Selective filter KX for XXS SO ₂ sensor (H ₂ S)		•	6811344 1
Power Pack			
Rechargeable NiMH T4 (2.0) battery (w/o charging equipment)	•	•	3703887 336 1
Please find additional information regarding X-am 1x/2x/5x00 accessories at the X-am 1x/2x/5x00 accessory list.			
Dräger X-am 2800			
Instrument incl. Bluetooth and NiMH T4 (2.0) battery, factory default settings, calibration interval: 6 month sensor settings, Standard calibration of the Ex-sensor: Methane 0-100 %LEL (LEL factor: 4,4 Vol%) w/o charger and w/o RFID chip w/o manufacturer certificate, and digital calibration certificate IFU (online available)			
X-am 2800 Ex, H ₂ S LC, CO LC, O ₂ PR			3703918 303 1
Bluetooth	•		
NiMH T4 (2.0) rech. battery (3703887)	•		

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger X-am 2800 4 gas (bundle)			
Instrument incl. Bluetooth, NiMH T4 (2.0) rech. battery and charger set.			
X-am 2800 Ex, H2S LC, CO LC, O2 PR (3703918) incl. Charger Set Basic (8320333)	3703919	303	1
Dräger X-am 2800 Basic			
Instrument incl. Bluetooth, w/o: (sensors, NiMHT4, RFID chip, sensors; NiMH T4 (2.0) rech. battery; RFID chip; IFU, manufacturer certificate and calibration certificate (online available)	3703920	303	1
Spare Sensors (1-4 Sensors selectable)			
CatEx SR (0-100% LEL)*	6851900	364	1
DrägerSensor XXS O2* (0-25 Vol.-%)	6810881	368	1
DrägerSensor XXS O2 PR* (0-30 Vol.-%)	6800530	368	1
DrägerSensor XXS CO-LC*	6813210	368	1
DrägerSensor XXS H2S LC*	6811525	368	1
DrägerSensor XXS NO2	6810884	368	1
DrägerSensor XXS SO2	6810885	368	1
* 3 years warranty			
Bluetooth® - communication protocol for integration into third-party systems (openGATT licence)			
(used for activation in PC software CC Vision)			
Dräger X-am Open GATT licence (Amount of licenses chooseable)	3723353	337	1
Power packs and charging set			
NiMH supply unit T4 (2.0)	3703887	336	1
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)	8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.	3703889	336	1
You will find additional information regarding charging equipment at the accessories price list.			

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Other accessories

Transponder reader (for reading RFID chip)	6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)	3703852	336	1
Set of stickers X-am 2800/5800 red (10x)	3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)	3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)	3703855	336	1
Set of stickers X-am 2800/5800 green (10x)	3703856	336	1
Set display protection cover X-am 2800/5800 (10x)	3703857	336	1
Set Upgrade RFID-Transponder (5x)	3703898	336	1
Seal ring extractor (for changing XXS sensors).	R21402	971	1

(Selected sensors are supplied with a similar tool ex works).

Spare Parts

If you need any Spare Parts, please order the following Spare parts list.

Dräger X-am 2800	E 4638.280
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Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas Detection Instruments

Dräger X-am® 5800

The X-am® 5800 multi-gas detector measures up to six gases and is equipped with a very shock resistant sensors. Choice of physical sensors: CatEx SR (shock resistant) or infrared sensor from the XD-IR series or photoionisation detector PID HC neo: Very high resistance to shock loads. The Ex sensors measure flammable gases and vapours. In combination with the Gas Detection Connect software, you can transmit data live and manage your fleet efficiently. It has been optimized for personal monitoring and offers maximum safety - at low operating costs.

In order to accommodate a wide range of customer requirements the Dräger X-am 5800 "Flex" is assembled immediately before delivery according to the customer specifications. The customer specific settings like alarm thresholds, calibration gas settings, passwords and many more are optional.

An order for a complete instrument consists of:

- Instrument incl. Bluetooth and power pack
- Hardware options: RFID transponder
- Software options: Open GATT licence
- Sensors
- Charging equipment (and power pack if not already part of the instrument)
- Optional special calibrations / configurations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5800 "Flex" (Construction kit) Instrument with 1 to 4 sensors. With selectable special calibrations. Standard calibration of the Ex-sensor: Methane 0-100 %LEL Incl. alarm levels set to country specific standards.				3703850	304	1
Special calibration for sensors			•			
Customer specific configuration (alarm levels, gas concentrations, intervals, ...)			•			
Bluetooth (included, not available for selected countries)	•					
Open GATT license (3rd partner communication option)			•			1
RFID chip			•			1
Calibration certificate online available: www.draeger.com/productioncertificates			•			
Manufacturer certificate online available on DWorld			•			
The Instruction for Use can be downloaded here : https://www.draeger.com/ifu						
1st cluster IFU 9300307 DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C 2nd cluster 9300428 IFU BG, CS, DA, EL, ET, FI, HR, HU, KK, KO, LT, LV, NO, PL, RO, SK, SL, SV, TR, UK, VI	•					
Rechargeable NiMH T4 (2.0) battery		•	•	3703887	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5800 Basic Instrument incl. Bluetooth & IFU (1st cluster), w/o: sensors, NiMH T4 (2.0) rech. Battery, RFID chip, Calibration certificate (www.draeger.com/productioncertificates)				3703888	304	1
Sensors (1-4 sensors selectable)						
CatEx SR (0-100% LEL)*				6851900	364	1
PID HC neo*				6800417	364	1
XD-IR EX *				6800202	364	1
XD-IR CO₂ *				6800203	364	1
XD-IR EX/CO₂ *				6800201	364	1
* 3 years warranty						
Bluetooth®						
communication protocol for integration into third-party systems (openGATT licence) (Used for activation in PC software CC Vision)						
Dräger X-am Open GATT licence Amount of licenses chooseable				3723353	337	1
Power packs and charging set						
NiMH supply unit T4 (2.0)				3703887	336	1
Charging set Basic: charging module and a plug-in power supply 8316997 (worldwide)				8320333	336	1
Battery and charging set (2.0): NiMH T4 (2.0) rech. battery and charging module with power supply.				3703889	336	1
Other Accessoires						
Transponder reader (for reading RFID chip)				6559283	541	1
Set of stickers X-am 2800/5800 silver (10x)				3703852	336	1
Set of stickers X-am 2800/5800 red (10x)				3703853	336	1
Set of stickers X-am 2800/5800 blue (10x)				3703854	336	1
Set of stickers X-am 2800/5800 yellow (10x)				3703855	336	1
Set of stickers X-am 2800/5800 green (10x)				3703856	336	1
Set display protection cover X-am 2800/5800 (10x)				3703857	336	1
Set Upgrade RFID-Transponder (5x)				3703898	336	1
Seal ring extractor (for changing XXS sensors). (Selected sensors are supplied with a similar tool ex works).				R21402	971	1
Spare Parts						
If you need any Spare Parts, please order the following Spare parts list. Dräger X-am 2800/5800						

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments

Dräger X-am® 5600

The Dräger X-am 5600 is a small lightweight 1-6 Gas Detection Instrument, which is specially designed for the requirements of personal monitoring. It can be equipped with one infrared sensor and three electro- chemical sensors at maximum. In combination with one of electrochemical double sensors and the IR double sensor a simultaneous measurement of up to 6 gases is possible. This guarantees a reliable monitoring of the ambient air to explosive gases and vapours as well as O₂ and other toxic gases.

In order to accommodate a wide range of customer requirements each Dräger X-am 5600 is assembled immediately before delivery according to the customer specifications.

An order for a complete Instrument consists of:

- Instrument
- Power pack
- Sensors
- Optional special calibrations



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 5600 (Construction kit) Unlimited 1- 6 instrument with exchangeable Sensors. At least one sensor or power pack must be chosen. Standard calibration of the Ex-sensor: Methane incl. adjustable alarm levels to country specific standards				8321050	305	1
Event- and data logger	•	•		PR00000		1
Special calibrations for sensors			•	PR00005		1
Special configuration (alarm levels customer request)	•			PR00004		1
Manufacturer Certificate online available on D.World & Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Selection of the IFU quantity per order			•	PR00000		
Dräger X-am 5600 Basic Identical to Dräger X-am 5600, instrument without sensors and power supply				8321373	305	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Power Packs, selectable						
Rechargeable NiMH T4 2.0 power supply			•	3703887	336	1
Sensors (1-4 sensors selectable)						
DrägerSensor Dual IR Ex/CO ₂ ES				6851880	364	1
DrägerSensor IR Ex ES				6851881	364	1
DrägerSensor IR CO ₂ ES				6851882	364	1
For additional sensors please have a look at the sensor price list.						
Additional Power Supplies						
Power pack & charging set 2.0 Consisting of: NiMH-power pack T4 2.0, charging module, single charger (worldwide) for 1 charging module				3703889	336	1
Charging Set Basic Consisting of: charging module, single charger (worldwide) for 1 charging module				8320333	336	1
Spare Parts						
If you need any Spare Parts please order the following Spare parts list. Dräger X-am 5x00 E 4638.210						

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Accessories for Dräger X-am® 2600/2800/5100/5600/5800



Power Packs & charging sets for Dräger X-am 2800, 5800, 2500, 5000, 5100, 5600

Rechargeable NiMH T4 2.0	3703887	336	1
Power pack & charging set 2.0	3703889	336	1
Charging set Basic	8320333	336	1

Power Packs only for Dräger X-am 2500, 5000, 5100, 5600

Battery holder ABT 0100 (without batteries)	8322237	336	1
Alkaline batteries T3 (2 pcs.) for battery holder ABT 0100	8322239	336	1
Rechargeable NiMH T3 battery (1 pcs) (not potted), for battery holder 8322237	8319426	336	1

Power pack & charging set

Charging Set Basic Consisting of: 1x charging module, 1x single charger (worldwide) for 1x charging module (w/o battery)	8320333	336	1
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Charging accessories

Battery Charging Adapter (to charge a battery w/o instrument) for 8318704 (in combination with charging module 8318639)	8326101	336	1
Charging module	8318639	336	1
Single charger (worldwide) for max. 1 charging module	8316997	336	1
Single charger (worldwide) for max. 5 charging modules	8316994	336	1
Power supply 24V DC/6,25 (ODU jack) for up to 20 charging modules 8318639 (charging adapter 8325736 necessary)	8321850	336	1
Charging Adapter (for ODU jack)	8325736	336	1
Car charging connection 12V / 24V	4530057	336	1
Vehicle charger mounting kit for one charging module incl. strap	8318779	336	1
Spare strap for vehicle charger mounting kit	8318788	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
X-am Pump & Accessories (not suitable for Dräger X-am 2000, 5100)			
Dräger X-am Pump with USB cable	8327100	336	1
Dräger X-am Pump with USB cable & charger, shoulder strap	8327115	336	1
CSE Set Dräger X-am Pump, USB cable & charger, Case with pump, 5 m FKM hose, float probe, shoulder strap	8327117	336	1
Shoulder strap for X-am pump & X-am pump 125 (Spare)	8319386	336	1
Leather case for Dräger X-am device incl. X-am pump	8327103	336	1
Case small, for Dräger X-am Pump, incl. shoulder strap	8327104	336	1
Filter set with 3mm & 5mm hose adapters	8319364	393	1
Filter for X-am device & pump & X-dock (20 x 8319359)	3705997	956	1
USB charger for X-am pump	8327102	336	1
USB cable (Spare)	8327108	336	1
Spare Parts			
If you need any Spare Parts please order the following Spare parts list.			
Dräger X-am Pump	E 4638.270		

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Calibration cradle Dräger X-am 1/2/5000	8318752	332	1
Dräger Bump Test Station Dräger X-am 1/2/5000 w/o gas cylinder	8319131	332	1
Dräger Bump Test Station Dräger X-am 1/2/5000 compl. with one test gas cylinder (please mention in the order):	8319130	332	1
- 10 ppm NO ₂ , 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (58 L)	6813103	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811130	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811131	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811132	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.45 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂	6811835	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.4 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂	6812778	953	1
- 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811905	953	1
- 0.9 Vol.-% C ₃ H ₈ /air	6811118	953	1
- 0.9 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂ /N ₂	6812152	953	1
- 0.4 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂ /N ₂	6812153	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812375	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812376	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812377	953	1
Nonane checker for Dräger X-am 1/2/5000	8320080	953	1
Calibration adapter (rubber) only fits for X-am 2/25/50/5600	8319195	336	1
Dräger X-dock 5300 X-am 125 Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 125 and one power supply (8321849) Limited to 1 module	8321880	332	1
Communication Accessories			
Dräger GasVision Licence key	8325646	337	1
Dräger CC-Vision Basic Free of charge available at the Internet www.draeger.com			
USB DIRA with USB cable for Dräger-X-am 1/2/5000, Dräger X-am 8000/3500 communication adapter Infrared to USB	8317409	332	1
Barcode scanner CINO GS1 Serie F780	8318792	336	1
Case & Bags			
Leather carrying bag for X-am device	8318755	336	1
Case big, black (w/o products) with special designed insert cut-outs for X-am Pump, power supply, probe, hoses, gas cylinder	8327112	336	1
Rubber boot only fits for X-am 2/25/50/5600	8321506	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Gateway Dräger ConHub®

The Dräger ConHub optimizes your daily work in a simple way. It transmits measured values and alarms from the Dräger X-zone 5X00 area monitor via Modbus cable as well as data from up to 20 X-am 2800/ 5800 and Pac devices with Bluetooth® function to the Dräger Gas Detection Connect cloud solution.



Dräger ConHub

Consisting of: Power supply (LiFePO4 battery) and short instruction, without charger	3729600	398	1
Charging Accessories			
Charger Set ConHub	3729611	336	1
Ext. battery charging adapter ConHub (possible to charge two batteries, additional charger set required)	3729653	336	1
Accessories			
Cable ConHub X-zone 5m	3729658	336	1
Cable ConHub X-zone 20m	3729657	336	1
Wall mount ConHub	3729660	336	1
Stand ConHub	3729650	336	1
Shoulder strap ConHub	on request	336	
Power Pack			
Battery ConHub	3729610	336	1

Disclaimer: Some parts are not yet available. Please contact Dräger to get more information

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
Power supply explosion-protected area			
Power Supply Ex 230 V without cable	8329000		
Power Supply Ex 110 V without cable	8329010		
EU cable	8329180		
UK cable	8325392		
AUS cable	8325393		
USA cable	8329049		
Gas Detection Connect			
Gas Detection Connect GDC Intro license includes: Access, infrastructure, connection of up to 99 X-dock stations / ConHubs, 10,000 credits, valid for one year after activation	3719332		
GDC basic license includes: Access IT infrastructure (data storage, maintenance, automatic feature updates, troubleshooting). 24/7 support, valid for one year, with annual renewal	3719809		
GDC Asset License includes: Definable number of X-dock stations, requires the basic license	3719810		
GDC Credits includes: Definable number of credits for sending live data, can be ordered in packages of 1,000 credits	3719814		



Gas Detection Connect Software System

Dräger Gas Detection Connect is your gateway to connected workplace safety. The system connects various Dräger devices via an intelligent software solution. Accessible anywhere, anytime, it allows you to optimally manage your devices and continuously access the position and status of your employees and gas detectors. This allows you to both protect your staff and increase efficiency on your site.



Gas Detection Connect

Our cloud-based software solution transforms individual devices into a smart system.



Application mobile Gas Detection Connect

Download the smartphone app to collect data and transfer it directly to the main cloud system.



Dräger X-am® 2800

A powerful fleet management tool, this multigas detector accurately measures up to four gases and transfers data in real time to the system.



Dräger X-dock®

All relevant data is transferred directly to the back-end system in the cloud and is available in the web application.



Dräger Pac®

This robust and Bluetooth®-enabled single-gas detector performs fast and accurate measurements and transmits data in real time to the system.



Microsoft® Azure

This main cloud system securely and flexibly stores data from all devices.

System Components



Application web
Dräger Gas Detection
Connect



Application mobile
Dräger Gas Detection
Connect



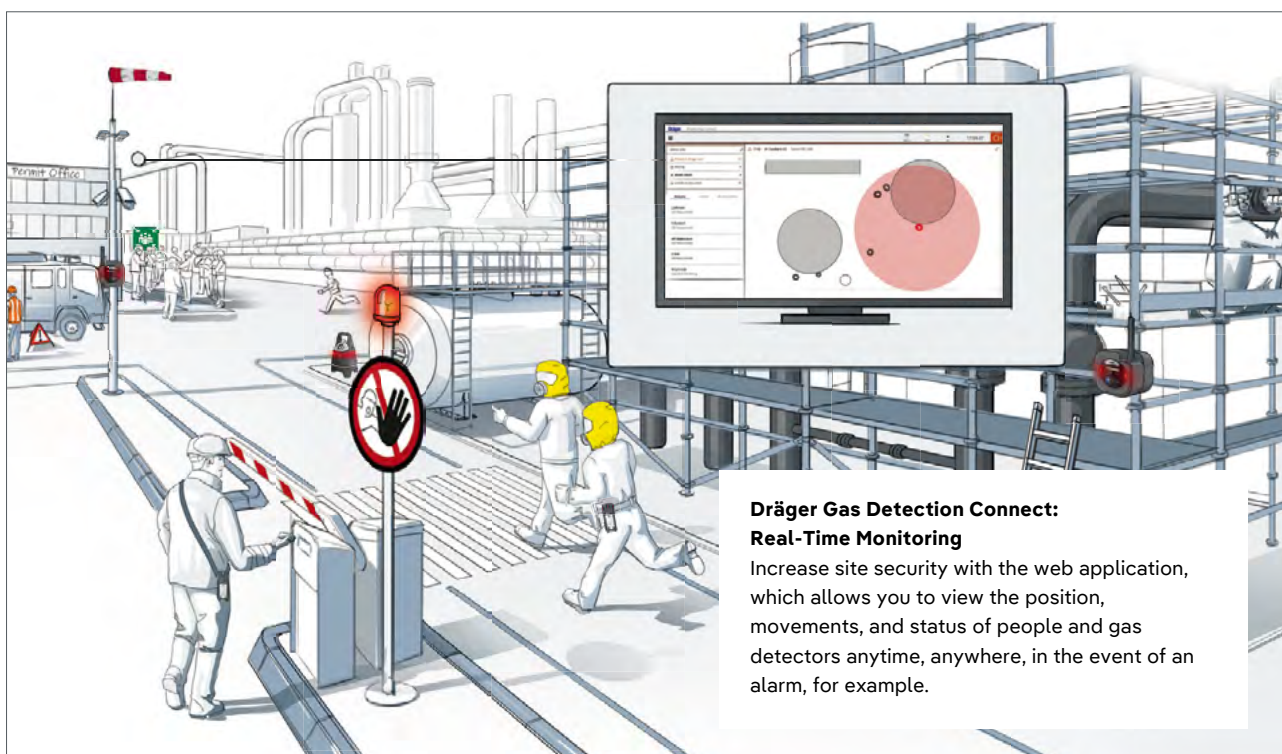
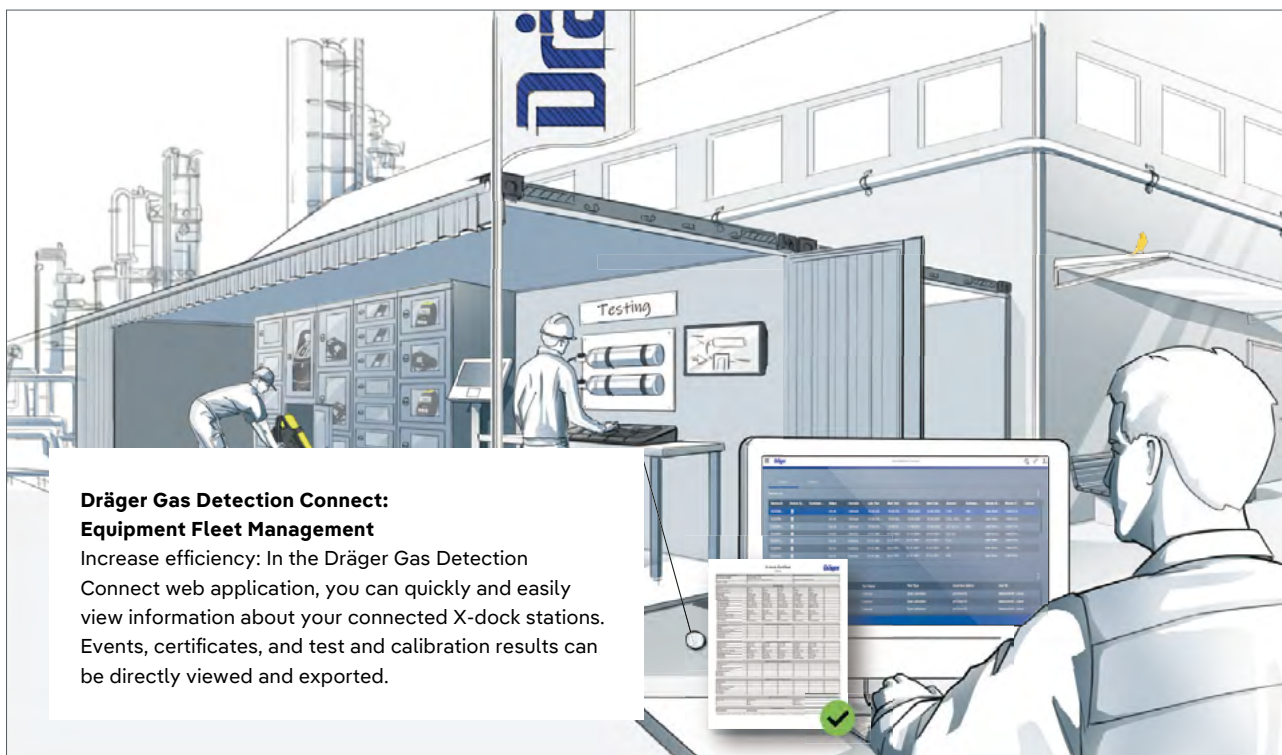
Microsoft® Back-End
System



Dräger X-am® 2800



Dräger x-dock®



Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Area monitoring

Dräger X-zone® 5500 / 5800

The Dräger X-zone 5500 and 5800 transform the Dräger personal gas detection instruments X-am 5000, 5100 and 5600 into area monitoring devices. In combination with the new Gateway Dräger ConHub, advanced area monitoring is enabled.

Included in delivery is depending on the chosen part number a battery pack or a battery pack and a pump, as well as the instruction for use. Optional selectable is radio-communication "off".

A Dräger X-am 5x00 is not included.

An order for a complete instrument consists of:

- Dräger X-zone 5500 or 5800 instrument
- Charging accessory
- Optional radio-communication "off"



Dräger X-zone® 5500 / 5800

Radio approval for Europe (Turkey, South Africa, Singapore)			
Dräger X-zone 5500 868 MHz, 24 Ah	8324819	333	1
Dräger X-zone 5800 868 MHz, 24 Ah, Pump	8329030	333	1
Radio approval for North America (USA, Canada, Australia, New Zealand)			
Dräger X-zone 5500 915 MHz, 24 Ah	8324823	333	1
Dräger X-zone 5800 915 MHz, 24 Ah, Pump	8329040	333	1
Radio approval for Kazakhstan			
Dräger X-zone 5500 433 MHz, 24 Ah	8324811	333	1
Dräger X-zone 5800 433 MHz, 24 Ah, Pump	8329020	333	
Radio approval for Japan			
Dräger X-zone 5800 922 MHz, 24 Ah, Pump	3732050	333	1
Radio approval for Malaysia			
Dräger X-zone 5800 433 MHz, 24 Ah, Pump	8329020	333	1
Power Supply Ex			
Power Supply Ex 230V (w/o power cord)	8329000	333	1
Power Supply Ex 110V (w/o power cord)	8329010	333	1
Power cord EU	8329180	336	1
Power cord UK	8325392	336	1
Power cord AUS	8325393	336	1
Power cord USA	8329049	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Charging Accessories			
plug in charger (worldwide) for X-zone 5x00	8320749	336	1
Inductive charger with power supply			
For USA, Japan	8322076	336	1
For UK	8322077	336	1
For China, Australia	8322078	336	1
For India	8322079	336	1
For Europe, Russia	8322080	336	1
For South Africa	3737638	336	1
Accessories			
Kit diffusion cover (additional with pump instruments)	8323935	336	1
Kit pump cover	8323936	336	1
Kit cover for X-am 5100 (only for diffusion)	8323938	333	1
RS 485 cable 25 m	8321669	336	1
Alarm damper	8320110	336	1
Socket	8320645	336	1
Power Supply Ex Cover	3727574	336	1
Power Packs			
Rechargeable battery big 24 Ah	8322921	393	1
Pump Accessories			
Spare set filter	8319364	393	1
Spare set filter connector (X-zone 5500)	8328308	393	1
Hose set with filter (water trap, 10 cm Viton hose, water- and dust filter)	8321527	956	1
FKM-hose	1203150	956	1 M
Water trap	6805473	954	100

Please find additional information regarding probes and Hoses in the accessories price list.

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Bump test adapter X-zone 5x00 , For gassing the X-am instrument inside the Dräger X-zone 5x00	8323314	336	1
Communication Accessories			
Dräger CC-Vision Basic Replaces the previous CC-Vision Standard. Free of charge available in the Internet www.draeger.com			
USB DIRA with USB cable	8317409	332	1
Connector male (X-zone) for Modbus cable	8324370	336	1
Connector female (X-zone) for Modbus cable	8324371	336	1
X-zone Com Accessories			
Revaluate SIM Card (150 Euro / service charge)	8326896	333	1
Power supply X-zone Com	8324374	336	1
Set straps for X-zone Com	8324377	333	1
Set rubber feet with clamps for X-zone	8324384	333	1
Magnetic pen	4544101	348	1
Spare Parts			
If you need any spare parts please order the following spare parts list.			
Dräger X-zone 5x00	4638.520		

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments

Dräger X-am® 3500

The Dräger X-am 3500 was especially designed for clearance measurements. The 1 to 4 gas detector reliably detects flammable gases and vapours as well as O₂, CO, H₂S, NO₂ or SO₂. The innovative signalling design and extensive range of accessories ensure optimum safety and easy handling.

Delivery content:

Internal Pump with pump adapter

Rechargeable Lithium Ion Battery

Crocodile Clip

Instruction for use (de, en, fr, es, pt, it, nl, ru, zh, ja)

Event- and data logger



Dräger X-am® 3500

Instrument with exchangeable sensors but not expandable.

Standard calibration of the Ex-sensor: Methane 0-100 % LEL;

Incl. default (factory) sensor settings.

Dräger X-am 3500 Ex, O ₂	8328412	334	1
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC	8328414	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC	8328416	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC	8328418	334	1
Bundle Dräger X-am 3500 4 Gas incl. charging equipment			
Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC 8328418 incl. inductive power unit 8325825 and power supply 8316997	8328419	334	1
Dräger X-am 3500 Ex, O ₂ , CO LC, NO ₂	8328422	334	1
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC, SO ₂	8328424	334	1
Dräger X-am 3500 Basic with Pump Incl. Li Ion battery and pump, w/o sensors	8328420	334	1
Instruction for Use (Language 2) (bg; cs; da; el; fi; hr; hu; ko; no; pl; ro; sk; sl; sv; tr)	9033668	334	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Calibration Accessories			
Calibration adapter	8326821	332	1
Calibration adapter 2.0 (Nonane)	3720224	336	1
Dräger X-dock Modul X-am 3500/8000	8321893	332	1
Dräger X-dock Modul X-am 3500/8000+ (charged)	8321894	332	1
Nonane checker X-am 3500/8000	8325861	336	1
Communication Accessories			
Dräger GasVision Licence key	8325646	332	1
Dräger CC-Vision Basic Free of charge available at the Internet www.draeger.com			
USB DIRA with USB cable for Dräger-X-am 1/2x/5x00, 3500 X-am 8000; communication adapter Infrared to USB	8317409	332	1
DIRA Holder X-am 3500/8000	8325859	336	1
Accessories			
For further accessories please look at X-am 8000 accessories.			
Spare parts			
Li-Ion battery incl. back cover	8326817	336	1
Front cover incl. membranes	8328604	393	1
If you need any Spare Parts please order the following Spare parts list. Dräger X-am 3500			
E 4836.350			

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Sensors			
DrägerSensor CatEx 125 PR*	6812950	364	1
DrägerSensor XXS O₂*	6810881	368	1
DrägerSensor XXS CO LC*	6813210	368	1
DrägerSensor XXS H₂S LC*	6811525	368	1
DrägerSensor XXS NO₂	6810884	368	1
DrägerSensor XXS SO₂	6810885	368	1
* 3 years manufactures warranty			
Charging Accessories			
Inductive power unit (charging 1 device)	8325825	336	1
Power supply (worldwide) (1 device)	8316997	336	1
Power supply (worldwide) (up to 5 devices)	8316994	336	1
Power supply* (worldwide) (up to 5 devices) *Adapter 8325736 necessary	8321849	336	1
Power supply* (worldwide) (up to 20 devices*) *Adapter 8325736 necessary	8321850	336	1
Charging Adapter to connect power supplies like 8321850 (20) or 8321849 (5) or 8321855 (5) with e.g. Inductive power unit 8325825	8325736	336	1
Bundle Car mounting unit incl. Car adapter 12V/24V and Head adapter (8321855, 8327636, 8325736)	8328283	336	1
Car adapter* 12V/24V (up to 5 devices) *Adapter 8325736 necessary	8321855	336	1
Car mounting unit (for 1 Inductive power unit)	8327636	336	1
Pump Accessories			
Pump adapter (delivery content with pump)	8326820	336	1
Pump adapter Nonane	3720225	336	1
Dust – and water filter incl. Luer adapter	8319364	956	1
Dust – and water filter X-am device (20 pcs x 8319359)	3705997	956	1
5 m FKM hose ID 3,2 mm with adapter	8325705	956	1
10 m FKM hose ID 3,2 mm with adapter	8325706	956	1
20 m FKM hose ID 3,2 mm with adapter	8325707	956	1
Float probe black EPP, incl. 3 m FKM hose ID 3,2 mm	8325831	956	1
Float probe black EPP, incl. 10 m FKM hose ID 3,2 mm	8325832	956	1
Telescopic probe ES 150	8316533	956	1

For further probes please have a look at the multiple use Accessories price list



PRINZ

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas detection Instruments Dräger X-am® 8000

The Dräger X-am 8000 is a smart and lightweight 1-7 Gas Detection Instrument, which is specially designed for the requirements of clearance measurements for confined space entry and leak search. It can be equipped with an internal pump. Furthermore, a broad combination of infrared sensor, catalytic, PID and electrochemical sensors are possible. A simultaneous measurement of up to 7 gases guarantees a reliable monitoring of the ambient air to explosive gases and organic vapours as well as O₂ and other toxic gases.

In order to accommodate a wide range of customer requirements each Dräger X-am 8000 is assembled immediately before delivery according to the customer specifications ("Assemble to Order").

An order for a complete instrument consists of:

- Instrument incl. power pack, shoulder strap
- opt. charging accessory
- opt. pump incl. adapter
- opt. sensors IR / CAT / PID / EC
- opt. special calibrations
- opt. customer configuration



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-am 8000 (Construction kit) Incl. adjustable alarm levels to country specific standards At least one sensor must be chosen.				8325800	334	1
Rechargeable Lithium Ion battery	•	•				1
Inductive charging unit	•	•	•			1
Power supply	•	•	•			1
Shoulder strap	•					1
Selection of the IFU quantity per order	•		•			1
Instruction for use (DE, EN, ENUS, ES, FR, IT, JA, NL, PT, PTBR, RU, ZH_C)	•					1
Event- and data logger	•					1
Manufacturer Certificate online available on D.World & Calibration Certificate (online available: https://www.draeger.com/productioncertificates)						
Instruction for use (further languages) (BG, CS, DA, EL, FI, HR, HU, KK, KO, NO, PL, RO, SK, SL, SV, TR)				9033656		1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Special calibrations for sensors			•			1
Special configurations (alarm levels customer request etc.)			•			1
Internal Pump with pump adapter			•			1
Crocodile clip			•			1
RFID chip			•			1
Dräger X-am 8000 Basic Diffusion Identical to Dräger X-am 8000 incl. Li-Ion battery, shoulder strap. Without pump, sensors, inductive power unit, power supply.				8325865	334	1
Dräger X-am 8000 Basic Pump Identical to Dräger X-am 8000 incl. Li-Ion battery, pump , pump adapter, shoulder strap. Without sensors, inductive power unit, power supply.				8325875	334	1
Sensors (1-5 Sensors selectable) max. 7 gases			•			
DrägerSensor Dual IR Ex/CO ₂ ES				6851880	364	1
DrägerSensor Dual IR Ex/CO ₂ HC (no combination with PID sensor possible)				6800276	364	1
DrägerSensor IR CO ₂ ES				6851882	364	1
DrägerSensor IR Ex ES				6851881	364	1
DrägerSensor CatEx 125 PR				6812950	364	1
DrägerSensor CatEx 125 PR Gas				6813080	364	1
DrägerSensor PID LC ppb *				6813500	364	1
DrägerSensor PID HC *				6813475	364	1

*Spare part set sensor absorber 3728959 necessary when retrofitting PID sensor

For additional sensors please have a look at the sensor price list.

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Charging Accessories						
Inductive power unit (charging 1 device)	•			8325825	336	1
Power supply (worldwide) (1 device)	•			8316997	336	1
Power supply (worldwide) (up to 5 devices)				8316994	336	1
Power supply* (worldwide) (up to 5 devices) *Adapter 8325736 necessary				8321849	336	1
Power supply* (worldwide) (up to 20 devices*) *Adapter 8325736 necessary				8321850	336	1
Charging Adapter for connection to power supplies 8321850 (20) or 8321849 (5) or 8321855 (5)				8325736	336	1
Bundle Car mounting unit incl. Car adapter 12V/24V and Head adapter (8321855, 8327636, 8325736)				8328283	336	1
Car adapter 12V/24V * (up to 5 devices) *Adapter 8325736 necessary				8321855	336	1
Car mounting unit (for 1 Inductive power unit 8325825)				8327636	336	1
Accessories						
Rubber boot , removeable				8325858	336	1
Leather bag (device)				8327664	336	1
Dräger X-am 3500/8000 case , plastic, black (w/o products) with special designed insert for X-am 3500/8000 and accessories				8327661	336	1
Dräger X-am 8000 case with PID accessories & tubes and ES 150 probe				8327845	336	1
Bag kit PID & Leather bag 8327664 & 8327663				8327639	336	1
Bag for PID Accessories & Dräger Tubes				8327663	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Display protection foil (Ex approved) (3 pcs.)				8326828	336	3
Shoulder strap, compl. (delivery content)				8326823	336	1
Side carrying strap (extractable)	•			8323032	402	1
Labelholder for shoulder strap (delivery content)	•			8326824	336	1
Label for holder, silver (5 pcs.)				8327645	336	5
Label for holder, blue (5 pcs.)				8327646	336	5
Label for holder, yellow (5 pcs.)				8327649	336	5
Label for holder, red (5 pcs.)				8327647	336	5
Label for holder, green (5 pcs.)				8327648	336	5
Base, to raise the device for Area Monitoring				8325874	336	1
RFID transponder reader				6559283	541	1
RFID transponder tag				8326814	393	1
Pre tube holder				6813769	336	1
Pre tube Benzene (10 pcs.)				8103511	321	10
Pre tube humidity (10 pcs.)				8103531	321	10
Pre tube carbon (10 pcs.)				CH24101	321	10
Tube opener TO 7000				6401200	311	1
PID lamp cleaning set (for sensor maintenance)				8319111	393	1
Pump Accessories						
Pump adapter (delivery content with pump)			•	8326820	336	1
Pump adapter Nonane				3720225	336	1
Dust – and water filter (delivery content with pump)			•	8319364	956	1
5 m FKM hose ID 3,2 mm with adapter				8325705	956	1
10 m FKM hose ID 3,2 mm with adapter				8325706	956	1
20 m FKM hose ID 3,2 mm with adapter				8325707	956	1
Float probe black EPP, incl. 3 m FKM hose ID 3,2 mm				8325831	956	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
	Enclosed in instrument	Necessary f. operation	Optional			
Float probe black EPP, incl. 10 m FKM hose ID 3,2 mm				8325832	956	1
Float probe transparent with luer adapter				8327654	956	1
Telescopic probe ES 150				8316533	956	1
Probe GP600, incl. 1,5m hose and male adapter				8328667	956	1
For further probes please have a look at the multiple use Accessories price list						
Communication Accessories						
Dräger GasVision Licence key				8325646	332	1
Dräger CC-Vision Basic Free of charge available at the Internet www.draeger.com						
USB DIRA with USB cable for Dräger-X-am 2x/35/5x/7000/8000; communication adapter Infrared to USB				8317409	332	1
DIRA Holder X-am 8000				8325859	336	1
Software Solutions						
The information regarding the CSE Connect licenses can be found under the new heading "Software Solutions" in the respective price list.						
Calibration Accessories						
Calibration adapter				8326821	336	1
Calibration adapter 2.0 (Nonane)				3720224	332	1
Dräger X-dock Modul X-am 8000				8321893	332	1
Dräger X-dock Modul X-am 8000+ (charged)				8321894	332	1
Nonane checker X-am 8000				8325861	336	1
Spare parts						
Li-Ion battery incl. back cover				8326817	336	1
Front cover incl. membranes				8326802	393	1
Spare part set Grip Clip				8319186	393	1
Belt, cpl. Dräger X-am 8000, X-act 7000				8326823	336	1
Spare set bow for belt fastening				8326819	393	1
Spare part kit Lock + Belt (L=85)				3704552	393	1

If you need any Spare Parts please order the following Spare parts list.
 Dräger X-am 8000

E 4836.301

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multi Gas Scanner

Dräger X-pid® 9500 / 9500+ (configurable BOM)

The Dräger X-pid 9500 detects volatile organic substances such as benzene even at the lowest concentrations. To determine the concentration of certain hazardous substances, the device combines two measuring modes and thus optimally supports measuring strategies for clearing hazardous areas or confined spaces. The “Seeker” measuring mode determines the total concentration of volatile organic hydrocarbons in the ambient air in a broadband measurement. In “Analysis” mode, the instrument selectively and precisely measures target substances that the user selects in advance.

To simplify the ordering process, a configurable sales BOM was created.



	Enclosed in instrument	Necessary f. operation	Optional			
Dräger X-pid 9500/9500+ (configurable BOM) Selectable devices:				3729700	306	1
Dräger X-pid 9500 consisting of sensor unit and country specific control unit		•		6850011	306	1
		•		6850023 (EU+USA)		
				6850072 (BR)		
				6850075 (JP)		
Dräger X-pid 9500+ consisting of sensor unit and country specific control unit				6850011	306	1
				3729690 (EU+USA)		
				3729692 (BR)		
				3729695 (JP)		
The sensor unit includes carrying strap, water and dust filter, gassing adapter and charger (Japanese version contains charging cable only).						
Cradle CU 2.0 Dräger X-pid	•			6850066	306	1
Belt clip CU 2.0 Dräger X-pid	•			6850077	306	1
Case for Dräger X-pid (w/o products)			•	6851851	336	1
GasVision license key			•	8325646	337	1

Calibration accessories (all items selectable)

10 ppm C ₄ H ₈ , 10 ppm C ₇ H ₈ /N ₂				6814046	953	1
5 ppm C ₆ H ₆ /N ₂				6814050	953	1
Control valve basic 0.5 LPM				6810397	953	1
Control valve, stainless steel, 0.5 L/min				6813104	953	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Enclosed in instrument Necessary f. operation Optional			
Pump accessories (all items selectable)			
Float probe (w/o hose)	6802337	956	1
Float probe, 5cm hose + connector 5mm	8327654	956	1
Float probe EPP (3 mm), 3 m hose	8325831	956	1
Rod probe 90, w/ instructions for use	8316532	956	1
Rod probe 400	8317188	956	1
Telescopic probe ES 150	8316533	956	1
Spare set dust/water filter	8319364	393	1
Filter kit 20 pcs.	3705997	956	1
Software Upgrade for Dräger X-pid 9500 + Update for X-pid 9500 sensor units (6850011) to X-pid 9500+ versions Software upgrade with new App functions, like lower concentrations and better peak fitting, stationary mode, or improved data export functionality	3729699	306	1
Dräger X-pid 9500			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit with preinstalled Mobile App, power supply and charging cable	6851848	306	1
Dräger X-pid 9500 BR			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (BR) with preinstalled Mobile App, power supply and charging cable	6850068	306	1
Dräger X-pid 9500 CN			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (CN) with preinstalled Mobile App, power supply and charging cable	6850069	306	1
Dräger X-pid 9500 JP			
Measurement device for the measurement of VOCs - various VOCs selectively Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter and control unit (JP) with preinstalled Mobile App, w/o power supply, with charging cable	6850071	306	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Packing unit
Sensor unit X-pid 9500 kit Consisting of: sensor unit and power supply, shoulder strap, 2 water and dust filter, gassing adapter	6850011	306
Control unit X-pid x500+ 3.0 EU and US with preinstalled Mobile App, power supply and charging cable	3735877	306
Control unit X-pid x500+ 3.0 BRA with preinstalled Mobile App, power supply and charging cable	3724488	306
Control unit X-pid x500+ 3.0 JP with preinstalled Mobile App, power supply and charging cable	3724489	306

Software Solutions

The information regarding GasVision can be found under the new heading "Software Solutions" in the respective price list.

The following accessories are approved to be used with X-pid®

Hoses with 5 mm inner diameter		
FKM hose (color black, solvent resistant), max. order length 50 meter	1203150	956
PTFE-lined Tygon hose, 3 meters	8326980	956
PTFE-lined Tygon hose, spool of 15 meters	4594679	956
Hoses with 3 mm inner diameter		
FKM hose (color black, solvent resistant), max. order length 100 meter	8325837	956
FKM hose (color black, solvent resistant), 5 meter incl. adapters	8325705	956
FKM hose (color black, solvent resistant), 10 meter incl. adapters	8325706	956
FKM hose (color black, solvent resistant), 20 meter incl. adapters	8325707	956
Probes		
Float probe (w/o hose)	6802337	956
Float probe with 5 cm hose and 5mm luer female adapter	8327654	956
Telescopic probe ES 150	8316533	956
Bar probe 90, with accessories	8316532	956
Bar probe 400	8317188	956
Float probe (incl. 3 m FKM hose with 3 mm inner diameter)	8325831	956
Adapters		
Spare set filter X-am 125 pump/X-dock, consisting of 1x water and dust filter, 1x hose connector for pump, 1x Adaptor male	8319364	393
Gassing adapter Dräger X-pid, to be used for bump tests and calibrations	6851850	393
Spare Parts		

If you need any spare parts, please order the following spare parts list.
Dräger X-pid 9000/9500

E 4639.100

Disclaimer: Some parts are not yet available. Please contact Dräger to get more information.



Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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DrägerSensors®

The portable gas detection instruments can be assembled with different DrägerSensors.

The DrägerSensors' instructions for use can be downloaded in electronic form from the database for technical documentation (www.draeger.com/ifu). To do this, enter the part number or product name in the search dialogue.



		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500			
PID Sensors																	
PID HC	0 - 2000 ppm	12								•					6813475	364	1
PID LC ppb	0 - 10 ppm	12								•					6813500	364	1
PID HC neo	0 - 2000 ppm	12		•											6800417	364	1
Set PID HC neo incl. sensor damper	0 - 2000 ppm	12													3703907	364	1
Infrared Sensors																	
Dual IR Ex/CO ₂ ES	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL 0 - 5 Vol.-% CO ₂	60					•			•					6851880	364	1
IR Ex ES	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL	60					•			•					6851881	364	1
IR CO ₂ ES	0 - 5 Vol.-% CO ₂	60					•			•					6851882	364	1
Dual IR Ex/CO ₂ HC	0 - 100 Vol.-% CH ₄ 0 - 100 %LEL 0 - 100 Vol.-% CO ₂	60								•					6800276	364	1

Gas Detection Technology

Portable Gas Detection Systems

Description														Order Code	Product Category	Packing unit

*Manufacturer's guarantee

Gas Detection Technology

Portable Gas Detection Systems

Description														Order Code	Product Category	Packing unit	
		Guarantee* Month	Dräger X-am 2800	Dräger X-am 5800	Dräger X-am 2500	Dräger X-am 5000	Dräger X-am 5600	Dräger X-am 7000	Dräger X-am 3500	Dräger X-am 8000	Dräger X-am 5100	Dräger Pac 6000, 6500	Dräger Pac 8000	Dräger Pac 8500			
H ₂ S HC	0 - 1000 ppm	12		•		•	•			•					6812015	368	1
HCN	0 - 50 ppm	12		•		•	•			•			•		6810887	368	1
HCN PC	0 - 50 ppm	12		•		•	•			•					6813165	368	1
NH ₃	0 - 300 ppm	12		•		•	•			•			•		6810888	368	1
NO	0 - 200 ppm	12		•		•	•			•			•		6811545	368	1
NO ₂	0 - 50 ppm	12	•	•	•	•	•		•	•					6810884	368	1
NO ₂ LC	0 - 50 ppm	12		•		•	•			•			•		6812600	368	1
OV	0 - 200 ppm	12		•		•	•			•			•		6811530	368	1
OV-A	0 - 200 ppm	12		•		•	•			•			•		6811535	368	1
PH ₃	0 - 20 ppm	12		•		•	•			•			•		6810886	368	1
PH ₃ HC	0 - 2000 ppm	12		•		•	•			•					6812020	368	1
SO ₂	0 - 100 ppm	24	•	•	•	•	•		•	•		•			6810885	368	1
Odorant	0 - 40 ppm	12		•		•	•			•					6812535	368	1
Amine	0 - 100 ppm	12		•		•	•			•					6812545	368	1
Phosgene	0 - 10 ppm	6		•		•	•			•			•		6812005	368	1
Ozone	0 - 10 ppm	12		•		•	•			•			•		6811540	368	1
CO H ₂ -CP	0 - 2000 ppm CO	12		•		•	•			•				•	6811950	368	1
O ₂ / CO LC	0 - 2000 ppm CO 0 - 25 Vol.-%	24		•		•	•			•				•	6813275	368	1
O ₂ / H ₂ S LC	0 - 100 ppm H ₂ S 0 - 25 Vol.-%	24		•		•	•			•				•	6814137	368	1
H ₂ S LC / CO LC	0 - 2000 ppm CO 0 - 100 ppm H ₂ S	24		•		•	•			•				•	6813280	368	1

*Manufacturer's guarantee

Gas Detection Technology

Portable Gas Detection Systems

Description		Order Code	Product Category	Packing unit

*Manufacturer's guarantee

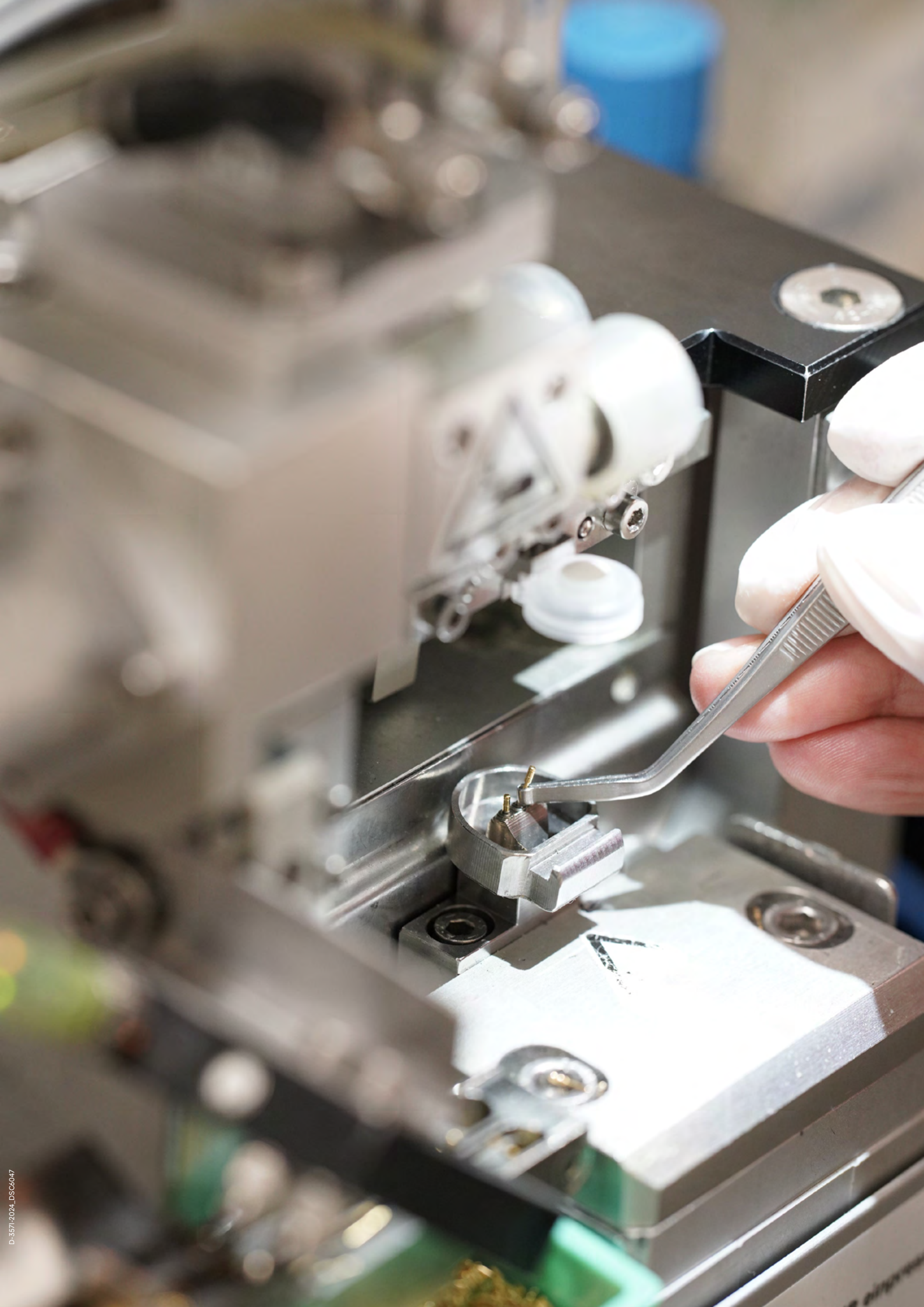
Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Filters and Special Accessories

	DrägerSensor Smart PID	DrägerSensor PID HC / LC	DrägerSensor XXS	DrägerSensor XS EC	DrägerSensor XS-2	Catalytical Sensors	Infrared Sensors			
Selective filters										
Selective filter A2T (H ₂ S etc.) for CO sensor					•			6810378	368	1
Selective filter D3T (H ₂ S etc.) for CO sensor				•				6809022	368	1
Selective filter Set B2T (H ₂ S, SO ₂) for NO and Odorant sensor (5 pcs.)				•				6809198	368	1
Selective filter Set KIT (H ₂ S) for SO ₂ sensor (2 pcs.)				•				6851866	368	1
Selective filter KX (H ₂ S) for SO ₂ sensor			•					6811344	368	1
Selective filter Set B2X (H ₂ S, SO ₂) for Odorant and HCN / HCN PC sensor (5 pcs.)			•					6812424	368	1
Dust filter Set XS (10 pcs.)			•					6851865	368	1
Accessories for Physical Sensors										
Cleaning Set for UV lamp	•	•						8319111	393	1
Pre-tube holder for X-am 8000		•						6813769	336	1
Spare set sensor absorber for X-am 8000 (CatEx: red; IR: white; PID: magenta)		•				•	•	6813767	393	1
SP-Kit of 3sensor absorber NewPID		•						3728959	393	1
Set Sensor Damper CatEx SR/XD-IR for X-am 2800 and 5800						•	•	3703865	336	1
Set Sensor Damper PID X-am 5800		•						3703864	336	1
SP-Kit sensor absorber CatEx 125 FKM (X-am 8000)						•		3728962	393	1



Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Calibration Accessories

Dräger X-dock®

Scalable calibration and configuration station to perform bump tests, create reports & calibration certificates for the portable detectors and to administer the gas detector fleet. Compatible with Dräger X-am 125 series, X-am 3500/8000 series and Dräger Pac series.



Dräger X-dock Configurator

The configurator allows the assembly of a complete system including pressure reducers, hoses and fastening material.

The power supply (6.25 A) with part number 8321850 is always added to the system as a fix selection.

The modules and the master are completely assembled, tested and delivered "ex work" according to the order.

Attention: We have updated our model for the surcharges for the costs incurred during the assembly and testing of the system.

We charge a surcharge of €70,00 for the assembly and testing of the master with the first module and €25,00 for each additional module in the kit.



	8328300	332	1
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Dräger X-dock 5300 X-am® 125

Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 125 and one power supply (83 21 849)
Limited to 1 module



	8321880	332	1
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Dräger X-dock 5300 Pac®

Set consisting of one master (3 gases), one instrument module for the instruments Dräger Pac 3500 / 5500 and Dräger Pac 7000 and one power supply (83 21 849)
Limited to 1 module

Dräger X-dock 5300 X-am® 8000

Set consisting of one master (3 gases), one instrument module for the instruments Dräger X-am 8000 and one power supply (8321849)
Limited to 1 module

	8321882	332	1
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Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Dräger X-dock® 6300 Master

With 3 test gas connections plus fresh air

At least 1 module must be ordered, extendable to max.

10 modules and max. 5 modules X-am 8000.



	8321900	332	1
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Dräger X-dock 6600 Master

With 6 test gas connections plus fresh air

At least 1 module must be ordered, extendable to max.

10 modules and max. 5 modules X-am 8000.

	8321901	332	1
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Dräger X-dock Module X-am® 125

Cradle for one instrument of the Dräger X-am 125 series

	8321890	332	1
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Dräger X-dock Module X-am 125+

Cradle for one instrument of the Dräger X-am 125 series

With an additionally charging function



	8321891	332	1
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Dräger X-dock Module Pac®

Cradle for one instrument of the Dräger Pac series



	8321892	332	1
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Dräger X-dock Module X-am 8000

Cradle for one instrument of the Dräger X-am 8000 series

	8321893	332	1
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Dräger X-doc® Module X-am 8000+

Cradle for one instrument of the Dräger X-am 8000 series

With an additionally charging function



	8321894	332	1
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Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Software Solutions			
The information regarding the licenses Gas Detection Connect can be found under the heading "Software Solutions" in the respective price list.			
Station Accessories			
0.5 bar constant pressure regulator	8324250	332	1
0.5 bar constant pressure regulator with flow stop	8324251	332	1
0.5 bar stainless steel constant pressure regulator	8324252	332	1
Adapter Mini-Can (5/8 x 18) to M4 thread Including a M4 hose nozzle	8321926	953	1
Set of hose clamp (5 pcs.)	8324095	332	1
Filter set for pump inlet fresh air pump	8319364	956	1
FKM hose (black, solvent resistant) Max. order length 50 meter	1203150	956	1m
Spare display protective foil	8321804	332	1
Sticker for module numbering 1 to 10	8321839	332	1
Carrying case (w/o products) with special designed insert for one X-dock 5300 or one X-dock 6x00 with max. 2 modules	4530393	336	1
Spare part O-ring for C10 valves 5/8"x18	8324288	393	1
Sealing Cartridge X-am module	8321986	393	1
Sealing Cartridge Pac module	8321987	393	1
Spare Kit Gasket Retainer X-am 8000 module	8326543	393	1
Spare housing pad	8321974	393	1
Scanner Accessories			
Barcode scanner CINO GSI Serie F780	8318792	336	1
Barcode label outside 22 x 8 mm (500 label per scroll)	AG02551	541	1
Power Supplies			
Power supply 24V DC/1,33A for up to 3 modules	8321849	336	1
Power supply 24V DC/6,25 for up to 10 modules	8321850	336	1
Car charging connection 12 VDC	8321855	336	1
Mounting Accessories			
Wall bracket comfort (adjustable tipping angle)	8321910	332	1
Wall bracket basic	8321922	332	1
Cylinder holder (table version)	8321918	332	1
Cylinder holder (for DIN rail / wall bracket)	8321928	332	1
Spare Parts			

If you need spare parts, please order the following spare parts list:
 Dräger X-dock

4634.600

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Calibration Accessories Dräger Bump Test Station

Automatic Dräger Bump Test station for portable instruments.

- Dräger Pac Series
- Dräger X-am 2500 / 2600 / 2800 / 5000 / 5600 / 5800



Dräger Bump Test Station



Dräger Bump Test Station Dräger Pac Series without test gas cylinder	8317410	332	1
Dräger Bump Test Station Dräger Pac Series complete including one test gas cylinder (please mention in the order):	8318586	332	1
- 50 pp NH ₃ /N ₂	6811352	953	1
- 100 ppm CO/N ₂	6812252	953	1
- 2.5 Vol.-% CO ₂ /air	6810391	953	1
- 20 ppm H ₂ S/N ₂	6810393	953	1
- 25 ppm H ₂ S/N ₂	6812114	953	1
- 100 ppm H ₂ S/N ₂	6812112	953	1
- 18 Vol.-% O ₂ /N ₂	6811250	953	1
- 10 ppm HCN/N ₂	6810642	953	1
- 50 ppm NO/N ₂	6812378	953	1
- 10 ppm NO ₂ /N ₂	3713477	953	1
- 0.5 ppm PH ₃ /N ₂	6810647	953	1
- 10 ppm SO ₂ /N ₂	6810645	953	1
- 10 ppm C ₂ H ₄ O/N ₂	6812110	953	1
100 ppm CO, 18 % O ₂ /N ₂	6812963	953	1
15 ppm H ₂ S, 50 ppm CO, 18 % O ₂ /N ₂	6813100	953	1
Test gas 60 L, 50 ppm CO/air	6811117	953	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Dräger Bump Test Station Dräger X-am 1/2/5x00 without test gas cylinder	8319131	332	1
Dräger Bump Test Station Dräger X-am 1/2/5x00 complete including one test gas cylinder (please mention in the order):	8319130	332	1
- 10 ppm NO ₂ , 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (58 L)	6813103	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811130	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811131	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811132	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.45 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂	6811835	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 0.4 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂	6812778	953	1
- 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂	6811905	953	1
- 0.9 Vol.-% C ₃ H ₈ /air	6811118	953	1
- 0.9 Vol.-% C ₃ H ₈ , 18 Vol.-% O ₂ /N ₂	6812152	953	1
- 0.4 Vol.-% n-C ₅ H ₁₂ , 18 Vol.-% O ₂ /N ₂	6812153	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812375	953	1
- 15 ppm H ₂ S, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812376	953	1
- 15 ppm H ₂ S, 50 ppm CO, 2 Vol.-% CO ₂ , 2.5 Vol.-% CH ₄ , 18 Vol.-% O ₂ (112 L)	6812377	953	1
Dräger Bump Test Station Accessory			
Case Bump Test Station	3706133	336	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Software Solutions

Dräger Gas Detection Connect

Dräger Gas Detection Connect is your connection to the digital future of occupational safety. The system networks individual Dräger products through a smart software solution. Thanks to location- and time-independent access, you manage your equipment fleet optimally and always have the position and status of your gas detection devices and workers in view.



Intro License

includes: Access, infrastructure, connection of up to 99 X-dock stations / ConHubs
10.000 credits, valid for one year after activation

Gas Detection Connect Introduction License	3719332	337	1
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Basic License

includes: Access, data storage, maintenance, automatic feature updates, troubleshooting, 24/7 support hotline. Valid for one year, with annual renewal.

Gas Detection Connect Basic	3719809	337	1
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Asset Licenses

includes: Connection to supported X-dock stations or ConHubs.
Valid for one year, with annual renewal.

Gas Detection Connect Asset Lite one X-dock station, not extendable, no basic license needed	3719811	337	1
Gas Detection Connect Asset License definable number of X-dock stations or ConHubs needs basic license	3719810	337	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Software Solutions CC-Vision, GasVision and PC-Data Downloading Accessories



Dräger GasVision

Windows based software for the easy evaluation of the portable gas detector's data logger. Used with:

Dräger Pac Series, Dräger X-am 2x00, Dräger X-am 5x00, Dräger X-am 3500, Dräger X-am 8000, Dräger X-am 7000 and Dräger X-pid

Dräger GasVision License key 45 days trial version free of charge available in the Internet www.draeger.com	8325646	332	1
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Dräger CC-Vision Basic

The software CC-Vision Basic enables an individual and customer specific configuration and calibration of the gas detectors:

Dräger Pac Series, Dräger X-am 2x00, Dräger X-am 5x00, Dräger X-am 3500 and Dräger X-am 8000, Dräger X-am 7000

CC-Vision Software Basic

Free of charge available in the Internet www.draeger.com

Communication accessory Single Gas			
Communication Module for Dräger Pac Series including USB cable	8318587	332	1
Communication accessory Multi Gas			
Calibration and Communication cradle Dräger X-am 1/2/5x00	8318752	332	1
DIRA adapter charging module X-am 7000	8322726	393	1
Barcode scanner CINO GS1 Serie F780	8318792	336	1
USB Dira+ USB cable	8317409	332	1

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Test Gases and Regulators*

Test gases in disposable cylinders. All test gases are gravimetrically manufactured to ISO6142 and acc. to ISO 9001. EN12205, ISO11118 (cylinder) and ISO13340 (valve) approved. All test gases with UK origin (exceptions marked)
Attention: Please order the regulator separately.



Non-Refillable Cylinders

Ammonia	NH ₃	50 ppm	in N ₂ 34 Liter, 35 bar	3715318	953	1
Ammonia	NH ₃	50 ppm	in N ₂ 58 Liter, 35 bar	6811352	953	1
Ammonia	NH ₃	75 ppm	in N ₂ 58 Liter, 34.5 bar	3700106	953	1
Ammonia	NH ₃	100 ppm	in N ₂ 58 Liter, 35 bar	6810387	953	1
Ammonia	NH ₃	300 ppm	in N ₂ 58 Liter, 35 bar	6811353	953	1
Benzene	C ₆ H ₆	5 ppm	in N ₂ 58 Liter, 34.5 bar	6814050	953	1
n-Butane	n-C ₄ H ₁₀	0,9 Vol.-%	in air 112 Liter, 69 bar	6810987	953	1
n-Butane	n-C ₄ H ₁₀	8 Vol.-%	in air 16 Liter, 11 bar	6814029	953	1
Carbon Dioxide	CO ₂	0,1 Vol.-%	in N ₂ 112 Liter, 69 bar	5239086	953	1
Carbon Dioxide	CO ₂	0,3 Vol.-%	in air 58 Liter, 35 bar	5239065	953	1
Carbon Dioxide	CO ₂	1,5 Vol.-%	in N ₂ 112 Liter, 69 bar	5239084	953	1
Carbon Dioxide	CO ₂	500 ppm	in air 112 Liter, 69 bar	6812383	953	1
Carbon Dioxide	CO ₂	2,5 Vol.-%	in air 58 Liter, 35 bar	6810391	953	1
Carbon Dioxide	CO ₂	50 Vol.-%	in N ₂ 58 Liter, 35 bar	6812438	953	1
Carbon Dioxide	CO ₂	20 Vol.-%	in air 112 Liter, 69 bar	6811357	953	1
Carbon Monoxide	CO	50 ppm	in air 58 Liter, 35 bar	6811117	953	1
Carbon Monoxide	CO	100 ppm	in N ₂ 112 Liter, 69 bar	6812252	953	1
Carbon Monoxide	CO	100 ppm	in air 103 Liter, 69 bar	6814195	953	1
Carbon Monoxide	CO	250 ppm	in air 58 Liter, 35 bar	6811354	953	1
Chlorine	Cl ₂	5 ppm	in N ₂ 58 Liter, 35 bar	6812103	953	1
Chlorine	Cl ₂	5 ppm	in N ₂ 34 Liter, 35 bar	3715317	953	1
Chlorine	Cl ₂	10 ppm	in N ₂ 58 Liter, 35 bar	6812106	953	1
Ethylene	C ₂ H ₄	1,35 Vol.-%	in air 112 Liter, 69 bar	6812784	953	1
Ethylene	C ₂ H ₄	50 Vol.-%	in N ₂ 100 Liter, 65 bar	3703694	953	1
Ethylene Oxide	C ₂ H ₄ O	10 ppm	in N ₂ 58 Liter, 35 bar	6812110	953	1
n-Hexane	C ₆ H ₁₄	0,48 Vol.-%	in air 24 Liter, 15 bar	6810988	953	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
Hydrogen	H ₂	2 Vol.-%	in air 112 Liter, 69 bar	6810388	953	1
Hydrogen	H ₂	1000 ppm	in air 58 Liter, 35 bar	6811955	953	1
Hydrogen	H ₂	1600 ppm	in N ₂ 58 Liter, 35 bar	3701895	953	1
Hydrogen Chloride	HCl	5 ppm	in N ₂ 58 Liter, 34.5 bar	6814198	953	1
Hydrogen Chloride	HCl	10 ppm	in N ₂ 58 Liter, 35 bar	6812107	953	1
Hydrogen Chloride	HCl	25 ppm	in N ₂ 58 Liter, 35 bar	6812115	953	1
Hydrogen Cyanide	HCN	10 ppm	in N ₂ 58 Liter, 34.5 bar	6810642*	953	1
Hydrogen Cyanide	HCN	10ppm	in N ₂ 116 Liter, 69 bar	3731105	953	1
Hydrogen Cyanide	HCN	15 ppm	in N ₂ 58 Liter, 34.5 bar	6812388*	953	1
Hydrogen Sulphide	H ₂ S	15 ppm	in N ₂ 58 Liter, 34.5 bar	6814199	953	1
Hydrogen Sulphide	H ₂ S	20 ppm	in N ₂ 58 Liter, 34.5 bar	6810393	953	1
Hydrogen Sulphide	H ₂ S	25 ppm	in N ₂ 58 Liter, 35 bar	6812114	953	1
Hydrogen Sulphide	H ₂ S	40 ppm	in N ₂ 58 Liter, 35 bar	6812117	953	1
Hydrogen Sulphide	H ₂ S	100 ppm	in N ₂ 58 Liter, 35 bar	6812112	953	1
Isobutylene	i-C ₄ H ₈	100 ppm	in air 34 Liter, 35 bar	6810687	953	1
Isobutylene	i-C ₄ H ₈	100 ppm	in air 58 Liter, 35 bar	6811629	953	1
Isobutylene	i-C ₄ H ₈	5 ppm	in air 58 Liter, 35 bar	6813685	953	1
Isobutylene	i-C ₄ H ₈	3000ppm	in air 58 Liter, 35 bar	3723044	953	1
Isobutylene	i-C ₄ H ₈	1000ppm	in air 58 Liter, 35 bar	3723045	953	1
Isobutylene	i-C ₄ H ₈	50ppm	in air 58 Liter, 35 bar	3723046	953	1
Isobutylene	i-C ₄ H ₈	10ppm	in air 58 Liter, 35 bar	3723047	953	1
Methane	CH ₄	2 Vol.-%	in air 112 Liter, 69 bar	6810389	953	1
Methane	CH ₄	2,5 Vol.-%	in air 112 Liter, 69 bar	6812104	953	1
Methane	CH ₄	3,5 Vol.-%	in N ₂ 112 Liter, 69 bar	6812962	953	1
Methane	CH ₄	50 Vol.-%	in N ₂ 112 Liter, 69 bar	6812109	953	1
Nitrogen (UHP)	N ₂	99,999 Vol.-%	112 Liter, 69 bar	6810394	953	1
Nitrogen (UHP)	N ₂	99,999 Vol.-%	34 Liter, 34.5 bar	SD14100	953	1
Nitrogen Dioxide	NO ₂	5 ppm	in air 58 Liter, 35 bar	6811952	953	1
Nitrogen Dioxide	NO ₂	10 ppm	in air 58 Liter, 35 bar	3713477	953	1
Nitrogen Monoxide	NO	10 ppm	in N ₂ 58 Liter, 35 bar	6810986	953	1
Nitrogen Monoxide	NO	25 ppm	in N ₂ 34 Liter, 35 bar	6810644	953	1
Nitrogen Monoxide	NO	50 ppm	in N ₂ 58 Liter, 35 bar	6812378	953	1
Nitrous Oxide	N ₂ O	100 ppm	in N ₂ 34 Liter, 35 bar	5239067	953	1

Gas Detection Technology

Portable Gas Detection Systems

Description				Order Code	Product Category	Packing unit
Oxygen	O ₂	4 Vol.-%	in N ₂ 58 Liter, 35 bar	6813758	953	1
Oxygen	O ₂	18 Vol.-%	in N ₂ 58 Liter, 35 bar	6811250	953	1
Oxygen	O ₂	23,5 Vol.-%	in N ₂ 58 Liter, 35 bar	3715134	953	1
n-Pentane	n-C ₅ H ₁₂	0,75 Vol.-%	in air 85 Liter, 50.3 bar	6810761*	953	1
Phosphine	PH ₃	0,5 ppm	in N ₂ 58 Liter, 34.5 bar	6810647*	953	1
Phosphine	PH ₃	5 ppm	in N ₂ 58 Liter, 34.5 bar	4930613*	953	1
Phosphine	PH ₃	20 ppm	in N ₂ 58 Liter, 34.5 bar	6812379*	953	1
Propane	C ₃ H ₈	0,1 Vol.-%	in air 112 Liter, 69 bar	6813238	953	1
Propane	C ₃ H ₈	0,4 Vol.-%	in air 58 Liter, 35 bar	6812389	953	1
Propane	C ₃ H ₈	0,6 Vol.-%	in air 112 Liter, 69 bar	6813237	953	1
Propane	C ₃ H ₈	0,75 Vol.-%	in air 112 Liter, 69 bar	6812788	953	1
Propane	C ₃ H ₈	0,9 Vol.-%	in air 112 Liter, 69 bar	6810390	953	1
Propane	C ₃ H ₈	0,9 Vol.-%	in air 58 Liter, 69 bar	6811118	953	1
Propane	C ₃ H ₈	1,05 Vol.-%	in air 112 Liter, 35 bar	3713485	953	1
Propane	C ₃ H ₈	15 Vol.-%	in air 43 Liter, 69 bar	5239066	953	1
Sulphur Dioxide	SO ₂	2,5 ppm	in air 58 Liter, 35 bar	6814048	953	1
Sulphur Dioxide	SO ₂	10 ppm	in air 58 Liter, 35 bar	6814049	953	1
Sulphur Dioxide	SO ₂	10 ppm	in N ₂ 58 Liter, 35 bar	6810645	953	1
Tetrahydrothiophene	THT	10 ppm	in N ₂ 58 Liter, 35 bar	6812594	953	1
Zero Air (synthetic air)			in N ₂ 112 Liter, 69 bar	6813239	953	1
Carbon Monoxide	CO / Air	275ppm	112L	3702059	953	1
Hydrogen	H ₂	99,999 Vol%	58L	3713618	953	1
Notrogen Dioxide	NO ₂	in Air	34L	3720732	953	1
Sulfur Hexaflouride		1000ppm in Air	110L	3722019	953	1
Ethylene Oxide	C ₂ H ₄ O/N ₂	10ppm	112L	3735470	953	1
Methane	CH ₄ /N ₂	60 Vol%	112L	4931233	953	1
R1234yf	R1234yf/air	1000ppm	112L	6813760	953	1
R125	R125/air	1000ppm	112L	6813761	953	1
R407a	R407a/air	1000ppm	112L	6813763	953	1
R407c	R407c/air	1000ppm	112L	6813764	953	1
R410a	R410a/air	1000ppm	112L	6813765	953	1

* US origin

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Mixed Gases

Unless otherwise stated all concentrations for toxic gases are in ppm

Ex	H ₂ S	NH ₃	CO	CO ₂ Vol. %	NO ₂	O ₂ Vol. %	Balance/ Rest	Filling capacity	Order Code	Product Category	Packing unit
1.45 Vol.-% CH ₄	20		60			15	N ₂	112 Liter, 69 bar	3701896	953	1
2 Vol.-% CH ₄						18	N ₂	58 Liter, 34.5 bar	6811116	953	1
2.2 Vol.-% CH ₄	25		100			17	N ₂	112 L, 69 bar	3701898	953	1
2.2 Vol.-% CH ₄	10					18	N ₂	58 Liter, 34.5 bar	6811647	953	1
2.2 Vol.-% CH ₄	15		100			18	N ₂	112 Liter, 69 bar	6813759	953	1
2.5 Vol.-% CH ₄	15		50	2		18	N ₂	112 Liter, 69 bar	6812377	953	1
2.5 Vol.-% CH ₄			50	2		18	N ₂	58 Liter, 34.5 bar	6811905	953	1
2.5 Vol.-% CH ₄			50	2		18	N ₂	58 Liter, 34.5 bar	6813099	953	1
2.5 Vol.-% CH ₄			50	2		18	N ₂	58 Liter, 34.5 bar	6813103	953	1
2.5 Vol.-% CH ₄	25		100			18	N ₂	112 Liter, 69 bar	6814028	953	1
2.5 Vol.-% CH ₄	15		50			18	N ₂	58 Liter, 34.5 bar	6811130	953	1
2.5 Vol.-% CH ₄	15		50			18	N ₂	112 Liter, 69 bar	6812375	953	1
2.5 Vol.-% CH ₄	25		100			18	N ₂	58 Liter, 34.5 bar	6813098	953	1
2.5 Vol.-% CH ₄	15			2		18	N ₂	58 Liter, 34.5 bar	6811131	953	1
2.5 Vol.-% CH ₄	15			2		18	N ₂	112 Liter, 69 bar	6812376	953	1
2.5 Vol.-% CH ₄	15		50	2				58 Liter, 34.5 bar	6811132	953	1
60 Vol.-% CH ₄				40				112 Liter, 35 bar	6810935	953	1
0.4 Vol.-% C ₃ H ₈	15		50	2		18	N ₂	58 Liter, 34.5 bar	6812778	953	1
0.4 Vol.-% C ₃ H ₈			50	2		18	N ₂	58 Liter, 34.5 bar	6814047	953	1
0.4 Vol.-% C ₃ H ₈	15		50	2		18	N ₂	112 Liter, 69 bar	3700107	953	1
0.4 Vol.-% C ₃ H ₈				3		17	N ₂	112 Liter, 69 bar	3700131	953	1
0.9 Vol.-% C ₃ H ₈						18	N ₂	58 Liter, 34.5 bar	6812152	953	1
0.9 Vol.-% C ₃ H ₈	15		50	2		18	N ₂	112 Liter, 69 bar	3715136	953	1
1.05 Vol.-% C ₃ H ₈	25		100			18	N ₂	58 Liter, 34.5 bar	3713487	953	1
1.05 Vol.-% C ₃ H ₈	25		100			19	N ₂	58 Liter, 34.5 bar	3713486	953	1
0,9 Vol.-% n-C ₄ H ₁₀	25		50			12	N ₂	58 Liter, 34.5 bar	3703693	953	1
8 Vol.-% n-C ₄ H ₁₀				13,8			N ₂	18 Liter, 11.4 bar	6811004	953	1
0.45 Vol.-% n-C ₅ H ₁₂	15		50			18	N ₂	58 Liter, 34.5 bar	6811835	953	1

Gas Detection Technology

Portable Gas Detection Systems

Description									Order Code	Product Category	Packing unit
Ex	H ₂ S	NH ₃	CO	CO ₂ Vol. %	NO ₂	O ₂ Vol. %	Balance/ Rest	Filling capacity	Order Code	Product Category	Packing unit
0.45 Vol.-% n-C ₅ H ₁₂	15		50			18	N ₂	95 Liter, 69 bar	6813806	953	1
0.45 Vol.-% n-C ₅ H ₁₂	25		100				N ₂	58 Liter, 34.5 bar	6812116	953	1
0.45 Vol.-% n-C ₅ H ₁₂			50			18	N ₂	112 Liter, 69 bar	3715133	953	1
0.75 Vol.-% n-C ₅ H ₁₂			50			18	N ₂	78 Liter, 50.3 bar	6814027	953	1
0.4 Vol.-% n-C ₅ H ₁₂						18	N ₂	58 Liter, 34.5 bar	6812153	953	1
	15		50			18	N ₂	58 Liter, 34.5 bar	6813100	953	1
		50	50			18	N ₂	58 Liter, 34.5 bar	6813101	953	1
			50			18	N ₂	58 Liter, 34.5 bar	6812574	953	1
			100			18	N ₂	112 Liter, 69 bar	6812963	953	1
			50	10		18	N ₂	112 Liter, 34.5 bar	6813696	953	1
							N ₂	58 Liter, 34.5 bar	6814046	953	1
Additional gases										953	

* US origin

Gas Detection Technology

Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Regulators

All regulators are set to a flow of 0.5 liter/minute

On demand regulator model 2001	8316556	953	1
Standard regulator 0.5 l/min, nickel plated brass, 5/8"-18 UNF	6810397	953	1
Stainless steel regulator 0.5 l/min, 5/8"-18 UNF For better results use one regulator for one gas type only.	6813104	953	1
Trigger regulator 0.5 l/min, nickel plated brass, 5/8"-18 UNF	6810649	953	1
Multi flow regulator C-10 flow adjustable to: 0 l/min; 0.5 l/min; 0.75 l/min; 1 l/min; 1.5 l/min; 2 l/min; 2.5 l/min; 3 l/min; 4 l/min; 5 l/min	4930604	953	1
Regulator Dräger Multi-PID 2	6810688	332	1
Regulator Dräger E-Cal (DFR 2003 + DIN477 no. 14 adapter) for refillable cylinders	6810692	953	1
Spare O-ring for C10 valves (5/8"x18)	8324288	393	1

Accessories



Carrying Case for 2 cylinders	6811181	980	1
Puncher Tool	6811182	953	1



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Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
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Multiple-Use Accessories

For the portable gas detection instruments

A wide range of accessories is available.

Suits to the instruments:

Dräger X-am 2500/5000/5100/5600 and Dräger 8000

Dräger X-am 3000, Dräger X-am 7000,

Dräger Pac 3500, 5500 and 7000



Filter			
Water- and dust filter with 6 cm hose	8313648	956	1
Water- and dust filter 20 pcs. package	3705997	956	1
Hose set with filter, X-zone 5000	8321527	956	1
Spare set filter X-am 125 pump/X-dock	8319364	393	1
Probes			
Probe GP600, incl. 1,5m hose and male adapter	8328667	956	1
Telescopic probe 100, with accessories	8316530	956	1
Telescopic probe ES 150	8316533	956	1
Bar probe 90, with accessories	8316532	956	1
Bar probe 400	8317188	956	1
Leakage probe 70	8316531	956	1
Float probe (w/o hose)	6802337	956	1
Float probe with 5 cm hose and 5mm luer female adapter	8327654	956	1
Probe Tip for ES 150, 1.5mm	3701904	956	1
Probes incl. hoses with 5 mm inner diameter			
Float probe (incl. 10 m rubber hose)	6807097	956	1
Set float probe, H2S-resistant with 5 m FKM rubber hose, water and dust filter	8318371	956	1
Probes incl. hoses with 3 mm inner diameter			
Float probe (incl. 3 m FKM hose)	8325831	956	1
Float probe (incl. 10 m FKM hose)	8325832	956	1

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Portable Gas Detection Systems

Description	Order Code	Product Category	Packing unit
Hoses with 5 mm inner diameter			
PTFE-lined Tygon hose (spool of 15 meters)	4594679	956	1
PTFE-lined Tygon hose , 3 meters	8326980	956	1
Rubber hose , (color black, anti static, electrically conducting) Max. order length 100 meter	1180681	956	1 meter
FKM hose (color black, solvent resistant), max. order length 50 meter	1203150	956	1 meter
Tygon hose (color transparent), max. order length 150 meter	8320766	956	1 meter
Spare part hose (2 meter), for telescopic probe 100 and leakage probe 70	8318205	956	1
Hoses with 3 mm inner diameter			
Rubber hose for float probe , electrically conducting, anti-static max. order length 100 meter	8325839	956	1 meter
Rubber hose , electrically conducting, anti-static, 5 meter incl. adapters	8328210	956	1
Rubber hose , electrically conducting, anti-static, 20 meter incl. adapters	8328211	956	1
PVC hose (color transparent), max. order length 100 meter	8325838	956	1 meter
PVC hose (color transparent), 15 meter incl. adapters	8328209	956	1
FKM hose (color black, solvent resistant), max. order length 100 meter	8325837	956	1 meter
FKM hose (color black, solvent resistant), 5 meter incl. adapters	8325705	956	1
FKM hose (color black, solvent resistant), 10 meter incl. adapters	8325706	956	1
FKM hose (color black, solvent resistant), 20 meter incl. adapters	8325707	956	1
FKM hose (color black, solvent resistant), 45 meter incl. adapters	8328212	956	1
Rubber ball pump	6801933	956	1
Adapter			
Spare connector Set (ext. pump X-am 125)	8319397	393	1
Hose adapter (10 pcs.) incl. 40 mm FKM hose 12 03 150)	8319231	956	1
Connecting pieces (10 pcs. for hose with 5 mm inner diameter)	8320087	393	1
Set connecting hose pump adapter (5 pcs., luer female adapter and 20 mm hose 83 25 837)	8327652	336	1
Set connecting hose calibration adapter (5pcs., adapter 5mm-3mm and 20 mm hose 83 25 837)	8327653	336	1
Adapter piece f. PTFE hose	8324098	332	1
Luer adapter set , incl. 2 pcs. 3mm adapter, 2 pcs. 5 mm adapter, 2 pcs. adapter 3 to 5 mm, 50 mm FKM hose 12 03 150)	8328213	956	1
Luer male adapter 3 mm (2 pcs.)	8327641	956	1
Luer male adapter 5 mm (2 pcs.)	8327642	956	1

Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
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Analyse system

Dräger X-act® 7000

Dräger X-act 7000 is an innovative optoelectronic analyser for the Dräger MicroTubes. After an automatic self-test, the device is ready for use immediately. It is characterized by a particularly comfortable operation: Insert the MicroTubes, start measuring and read measurement results on the colour display. 10 measurements in a row can be taken. The analysed hazardous material concentration is displayed on the X-act 7000 display. MicroTubes can even take measurements in the ppb range.



Dräger X-act 7000

Consisting of: Basic device X-act 7000 incl. batteries, Shoulder strap complete, MicroTube Demo, Torx T10 Screwdriver, USB-Cable 2m with Mini-connection



Dräger X-act 7000	8610800	328	1
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Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
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Dräger MicroTubes

Only to use in combine with X-act 7000



Acetic Acid	2 - 20 ppm	8610330	329	1
Acetone	25 - 5000 ppb	8610470	329	1
Alcohol (Methanol, Ethanol, i-Propanol, n-Butanol)	10 - 5000 ppm	8610380	329	1
Ammonia	1 - 100 ppm	8610130	329	1
Ammonia	100 - 2500 ppm	8610020	329	1
Benzene	1 - 150 ppb	8610600	329	1
Benzene	10 - 100 ppm	8610280	329	1
Benzene	0.15 - 10 ppm	8610030	329	1
1,3-Butadiene	25 - 500 ppb	8610460	329	1
1,3-Butadiene	0,5 - 25 ppm	8610300	329	1
Carbon Dioxide	200 - 50000 ppm	8610190	329	1
Carbon Monoxide	2 - 1000 ppm	8610080	329	1
Chlorine	50 - 5000 ppb	8610010	329	1
Ethylenoxide	25 - 250 ppb	8610200	329	1
Ethylenoxide	0,25 - 10 ppm	8610580	329	1
Formaldehyde	5 - 150 ppb	8610540	329	1
Formaldehyde	0.15 - 3 ppm	8610100	329	1
Hydrochloric Acid	0.5 - 25 ppm	8610090	329	1
Hydrocyanic Acid	0.5 - 50 ppm	8610520	329	1
Hydrogen Sulfide	0.1 - 50 ppm	8610050	329	1
Hydrogen Sulfide	100 - 2000 ppm	8610220	329	1
Mercaptane	50 - 6000 ppm	8610360	329	1
Mercury	0.005 - 0,25 mg/m³	8610350	329	1
MTBE	2-200 ppm	8610530	329	1
Methylene Chloride	10 - 500 ppm	8610510	329	1
Nitrogen Dioxide	0.25 - 25 ppm	8610120	329	1
Nitrous Fumes	0.25 - 50 ppm	8610060	329	1
Ozone	10 - 1000 ppb	8610430	329	1
Perchloroethylene	1 - 500 ppm	8610040	329	1

Gas Detection Technology

Dräger X-act 7000

Description		Order Code	Product Category	Packing unit
Petroleum Hydrocarbons	10 - 3000 ppm	8610270	329	1
Phosphine	50 - 5000 ppb	8610400	329	1
Phosgen	10 - 1000 ppb	8610340	329	1
Sulphur Dioxide	0.05 - 5 ppm	8610110	329	1
Toluene	10 - 1000 ppm	8610250	329	1
Trichloroethylene	0.25 - 50 ppm	8610320	329	1
Vinylchlorid	0.1 - 10 ppm	8610230	329	1
Xylene	10 - 1000 ppm	8610260	329	1
MicroTubes Demo	n.n.	8610290	329	1

Accessories



Case X-act 7000, black	3703690	980	1
Set Display protection foil (3 pcs.)	8326828	336	1
Set 5-AA X-act 7000 T4 =EX=	3703133	328	1
Pre Tube Holder X-act 7000	3701985	328	1
Dräger Tube ppb-Booster Basic	3702013	328	1
Tubeopener TO 7000	6401200	311	1
Shoulder strap, compl.	8326823	336	1
Labelholder for shoulder strap (5 pcs.)	8326824	336	1
- silver	8327645	336	1
- blue	8327646	336	1
- red	8327647	336	1
- green	8327648	336	1
- yellow	8327649	336	1

Pump accessory for Remote-Measurements

X-am Pump (incl. USB-Cable and Power Supply)	8327100	336	1
USB charger for X-am Pump	8327102	336	1
Coupler X-act 7000 (Adaper X-am pump & X-act 7000)	8610810	328	1
Dust- and water filter	8319364	393	1

Gas Detection Technology

Dräger X-act 7000

Description	Order Code	Product Category	Packing unit
Hose FKM, 3 mm innerdiameter, cpl. with adapters			
- 5 m	8325705	956	1
- 10 m	8325706	956	1
- 20 m	8325707	956	1
- 45 m	8328212	956	1
Probes			
Probe set GP600, with accessories	8328667	956	1
Telescopic probe ES 150, with accessories	8316533	956	1
Telescopic probe 90	8316532	956	1
Hose 4,76 x 1,59 mm, 3 m, Tygon, PTFE	8326980	956	1
PTFE-lined tygon hose (15 m)	4594679	956	1
Hose connection set, 3 mm	8327641	956	1
Spare Parts			

If you need any spare parts please order the following spare parts list. Dräger X-act 7000 E 4345.200

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes® Pumps

The Dräger-Tube Measurement System consists of a Dräger- Tube and a Dräger-Tube Pump. This measurement system is used for short-term measurements and sample taking.

Short-term measurements are on-the-spot measurements, e. g. the evaluation of concentration fluctuations, release measurements, worst case measurements etc.

With a sample taking, first of all the substances to be measured are collected on a suitable medium, e. g. activated charcoal, silica gel etc. Then, the substances collected on the medium are analyzed qualitatively and quantitatively in the laboratory by means of analytical methods.

Different Dräger-Tube pumps are used for the Dräger-Tube measurement system.

Dräger X-act® 5000 Basic

Dräger X-act 5000 Basic is no longer available, only the accessories and tubes. For inquiries contact the local subsidiaries.

Charging accessories			
Rechargeable Battery NiMH, T4	4523520	311	1
Wall-Wart Charger 100 – 240 VAC (worldwide)	4523545	981	1
Car Charger 12 / 24 V	4523511	981	1
Accessories			
SO3 Filter Replacement	8103525	311	1
Shoulder Strap	4523565	391	1
Resistant tube (Dosage)	6527562	593	1
Calibration tube X-act 5000 (10)	8103651	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger accuro®

One-hand operating detector pump Incl. Tube opener Dräger
TO 7000 ATEX approval: BVS 04 ATEX H 068



Gas Detector Pump Dräger accuro	6400000	311	1
Gas Detector Set for Dräger accuro Complete with: Gas Detector Pump Dräger accuro, carrying case, Tube opener Dräger TO 7000 and spare parts set Dräger accuro	6400260	311	1
Soft Gas Detection-Set Complete with: Gas Detector Pump Dräger accuro, Nylon carrying case and spare parts set Dräger accuro	8317186	311	1
MDG Kit (Dräger accuro) Complete with: Gas Detector Pump Dräger accuro, carrying case Dräger accuro spare parts set	8318392	311	1
Hard side accuro pump set Complete with: Transport Case black, Gas Detector Pump Dräger accuro, Pack. rubber cups (10 pcs.) and Dräger accuro spare parts set	4056443	311	1
Spare parts set for Dräger accuro	6400220	311	1
Extension hose			
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 1 m incl. Adapter for Simultaneous Test Set and adapter for hose	6400561	311	1
Extension hose, Dräger accuro & Dräger X-act 5000, 3m incl. Adapter for tubes, adapter for hose	6400178	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 3 m incl. Adapter for tubes, adapter for hose in a carrying box	6400077	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 10 m incl. Adapter for tubes, adapter for hose	6400078	311	1
Extension hose, Dräger accuro & Dräger X-act 5000 Versions, 15 m incl. Adapter for tubes, adapter for hose	6400079	311	1
Extension hose, Dräger X-act 5000 Versions, 30 m incl. Adapter for tubes, adapter for hose	6401175	311	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
Accessories			
Carrying case Dräger accuro Incl. shoulderstrap	8100228	311	1
Snap-on bag for carrying case	8100229	311	1
Nylon Carrying Case, blue	4594631	311	1
Fumigation Case orange, without contents	8317147	311	1
Tube opener Dräger TO 7000	6401200	311	1
Hot pack holder, complete For use until minus 20°C, incl. adapter and 2 hot packs	8316130	311	1
Hot packs (2 pieces)	8316139	311	1
Hot air probe for examination of exhaust fumes of combustion plants	CH00213	311	1
Bar Probe 400 for examination of fumigants in containers	8317188	311	1
Spare Parts			
For the spare parts please refer to our spare parts Lists which you receive on request:			
Dräger X-act 5000	E 4245		
Dräger accuro	E 4241		

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes®

Each order number refers to one box of tubes.

Usually one box contains ten tubes. In other cases the number in brackets behind the name of the tube indicates the measurements per box.

For the Dräger-tubes the standard measuring range is mentioned. For a possible measuring range extension, please have a look into the instruction for use. The indicated measurement time relates regarding the Tubes for short term measurements to the stated numbers of strokes for the particular tube. If the measurement time is less than 1 Minute, it will be stated with the abbreviation "s" in seconds.



Acetaldehyde 100/a	100 - 1,000 ppm	5	6726665	321	1
Acetic Acid 5/a	5 - 80 ppm	30 s	6722101	321	1
Acetone 40/a (5)	40 - 800 ppm	1	8103381	321	1
Acetone 100/b	100 - 12,000 ppm	4	CH22901	321	1
Acid Test	qualitative	3 s	8101121	321	1
Acrylonitrile 0.2/a	0.2 - 4 ppm	4	8103701	321	1
Activation tube for use in conjunction with Formaldehyde 0.2/a tube			8101141	321	1
Amine-Test	qualitative	5 s	8101061	321	1
Ammonia 0.25/a	0.25 - 3 ppm	1	8101711	321	1
Ammonia 2/a	2 - 30 ppm	1	6733231	321	1
Ammonia 5/a	5 - 70 ppm 50 - 600 ppm	1 6 s	CH20501	321	1
Ammonia 5/b	5 - 100 ppm	10 s	8101941	321	1
Ammonia 0.5%/a	0.5 - 10 Vol.-%	20 s	CH31901	321	1
Aniline 0.5/a	0.5 - 10 ppm	4	6733171	321	1
Arsine 0.05/a	0.05 - 3 ppm	6	CH25001	321	1
Benzene 0.25/a	0.25 - 2 ppm 2 - 10 ppm	5 1	8103691	321	1
Benzene 2/a (5)	2 - 60 ppm	8	8101231	321	1
Benzene 5/a	5 - 40 ppm	3	6718801	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Benzene 5/b	5 - 50 ppm	8	6728071	321	1
Benzene 15/a	15 - 420 ppm	4	8101741	321	1
BTX (Toluene 5/b)	50 - 300 ppm 5 - 80 ppm	1	8101661	321	1
Carbon Dioxide 100/a	100 - 3,000 ppm	4	8101811	321	1
Carbon Dioxide 0.1%/a	0.5 - 6 Vol.-% 0.1 - 1.2 Vol.-%	30 s 2.5	CH23501	321	1
Carbon Dioxide 0.5%/a	0.5 - 10 Vol.-%	30 s	CH31401	321	1
Carbon Dioxide 1%/a	1 - 20 Vol.-%	30 s	CH25101	321	1
Carbon Dioxide 5%/A	5 - 60 Vol.-%	2	CH20301	321	1
Carbon Disulphide 3/a	3 - 95 ppm	2	8101891	321	1
Carbon Disulphide 5/a	5 - 60 ppm	3	6728351	321	1
Carbon Disulphide 30/a	0.1 - 10 mg/L	1	CH23201	321	1
Carbon Monoxide 2/a	2 - 60 ppm	4	6733051	321	1
Carbon Monoxide 5/c	100 - 700 ppm 5 - 150 ppm	30 s	CH25601	321	1
Carbon Monoxide 8/a	8 - 150 ppm	2	CH19701	321	1
Carbon Monoxide 10/b	100 - 3,000 ppm 10 - 300 ppm	20 s 4	CH20601	321	1
Carbon Monoxide 0.3%/b	0.3 - 7 Vol.-%	30 s	CH29901	321	1
Carbon Tetrachloride 0.1/a	0.1 - 5 ppm	2.5	8103501	321	1
Carbon Tetrachloride 1/a	1 - 15 ppm	10	8101021	321	1
Chlorine 0.2/a	0.2 - 3 ppm 3 - 30 ppm	3 30 s	CH24301	321	1
Chlorine 50/a	50 - 500 ppm	20 s	CH20701	321	1
Chlorine Dioxide 0.025/a specific	0.025 - 0,1 ppm 0,1 - 1 ppm	7.5 2.5	8103491	321	1
Chlorobenzene 5/a (5)	5 - 200 ppm	3	6728761	321	1
Chloroform 2/a (5)	2 - 10 ppm	9	6728861	321	1
Chloroformates 0.2/b	0.2 - 10 ppm	3	6718601	321	1
DT Chloromethane 10/a	10 - 75 ppm	1.5	8103911	321	1
Chloroprene 5/a	5 - 60 ppm	3	6718901	321	1
Chloropicrine 0.1/a	0.1 - 2 ppm	7.5	8103421	321	1
Chromic Acid 0.1/a (9)	0.1 - 0.5 mg/m ³	8	6728681	321	1
Cyanide 2/a	2 - 15 mg/m ³	2	6728791	321	1

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Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Cyanogen Chloride 0.25/a	0.25 - 5 ppm	5	CH19801	321	1
Cyclohexane 40/a	40 - 200 ppm 500 - 3000 ppm	75 s 15 s	8103671	321	1
Cyclohexylamine 2/a	2 - 30 ppm	4	6728931	321	1
Diesel Fuel	25 - 200 mg/m ³	30 s	8103475	321	1
Dimethyl Formamide 10/b	10 - 40 ppm	3	6718501	321	1
Dimethyl Sulphate 0.005/c (9)	0.005 - 0.05 ppm	50	6718701	321	1
Dimethyl Sulphide 1/a (5)	1 - 15 ppm	15	6728451	321	1
Epichlorhydrin 5/b	5 - 80 ppm	8	6728111	321	1
Ethanol 100/a	100 - 3000 ppm	1.5	8103761	321	1
Ethyl Acetate 200/a	200 - 3,000 ppm	5	CH20201	321	1
Ethyl Benzene 30/a	30 - 400 ppm	2	6728381	321	1
Ethylene 0.1/a (5)	0.2 - 5 ppm	30	8101331	321	1
Ethylene 50/a	50 - 2,500 ppm	6	6728051	321	1
Ethylene Glycol 10 (5)	10 - 180 mg/m ³	7	8101351	321	1
Ethylene Oxide 1/a (5)	1 - 15 ppm	8	6728961	321	1
Ethylene Oxide 25/a	25 - 500 ppm	6	6728241	321	1
Fluorine 0.1/a	0.1 - 2 ppm	5	8101491	321	1
Formaldehyde 0.2/a	0.2 - 2.5 ppm 0.5 - 5 ppm	1.5	6733081	321	1
Activation Tube for use in conjunction with Formaldehyde 0.2/a tube			8101141	321	1
Formaldehyde 2/a	2 - 40 ppm	30 s	8101751	321	1
Formic Acid 1/a	1 - 15 ppm	3	6722701	321	1
Halogenated Hydrocarbons 100/a (8)	100 - 2,600 ppm	1	8101601	321	1
Hexane 10/a	10 - 200 ppm 300 - 2,500 ppm	5 1	8103681	321	1
Hydrazine 0.01/a	0.01 - 0.4 ppm 0.5 - 6 ppm	20 1	8103351	321	1
Hydrazine 0.25/a	0.25 - 10 ppm 0.1 - 5 ppm	1 2	CH31801	321	1

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Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Hydrocarbon 2/a	2 - 24 mg/L	5	8103581	321	1
Hydrocarbon 0.1%/c	0.1 - 1.3 Vol.-%	2	8103571	321	1
Hydrochloric Acid 0.2/a	3 - 20 ppm 0.2 - 3 ppm	2 40 s	8103481	321	1
Hydrochloric Acid 1/a	1 - 10 ppm	2	CH29501	321	1
Hydrochloric Acid 50/a	500 - 5,000 ppm 50 - 500 ppm	30 s 4	6728181	321	1
Hydrochloric Acid / Nitric Acid 1/a - Hydrochloric Acid - Nitric Acid	1 - 10 ppm 1 - 15 ppm	1.5 3	8101681	321	1
Hydrocyanic Acid 0.5/a	0.5 - 5 ppm 5 - 50 ppm	2.5 0.5	8103601	321	1
Hydrogen 0.2%/a	0.2 - 2.0 Vol.-%	1	8101511	321	1
Hydrogen 0.5%/a	0.5 - 3.0 Vol.-%		CH30901	321	1
Hydrogen Fluoride 0.5/a	0.5 - 15 ppm 10 - 90 ppm	2 25 s	8103251	321	1
Hydrogen Fluoride 1.5/b	1.5 - 15 ppm	2	CH30301	321	1
Hydrogen Peroxide 0.1/a	0.1 - 3 ppm	3	8101041	321	1
Hydrogen Sulphide 0.2/a	0.2 - 5 ppm	5	8101461	321	1
Hydrogen Sulphide 0.2/b	0.2 - 6 ppm	55 s	8101991	321	1
Hydrogen Sulphide 0.5/a	0.5 - 15 ppm	6	6728041	321	1
Hydrogen Sulphide 1/c	10 - 200 ppm 1 - 20 ppm	20 s 3	6719001	321	1
Hydrogen Sulphide 1/d	10 - 200 ppm 1 - 20 ppm	1 10	8101831	321	1
Hydrogen Sulphide 2/a	20 - 200 ppm 2 - 20 ppm	20 s 3.5	6728821	321	1
Hydrogen Sulphide 2/b	2 - 60 ppm	30 s	8101961	321	1
Hydrogen Sulphide 5/b	5 - 60 ppm	4	CH29801	321	1
Hydrogen Sulphide 100/a	100 - 2,000 ppm	30 s	CH29101	321	1
Hydrogen Sulphide 0.2%/A	0.2 - 7 Vol.-%	2	CH28101	321	1
Hydrogen Sulphide 2%/a	2 - 40 Vol.-%	1	8101211	321	1
Simultan. Tube H ₂ S + SO ₂ 0.2%/a	0.2 - 7 Vol.-%	2	CH28201	321	1
Iodine 0.1/a	1 - 5 ppm 0.1 - 0.6 ppm	1 5	8103521	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
i-Propanol 50/a	50 - 4000 ppm	2.5	8103741	321	1
Mercaptan 0.1/a	0.1 - 2.5 ppm	3	8103281	321	1
Mercaptan 0.5/a	0.5 - 5 ppm	5	6728981	321	1
Mercaptan 20/a	20 - 100 ppm	2.5	8101871	321	1
Mercury Vapour 0.1/b	0.05 - 2 mg/m ³	10	CH23101	321	1
Methanol 20/a	20 - 250 ppm	6	8103801	321	1
	200 - 5000 ppm	2			
Methyl Acrylate 5/a	5 - 200 ppm	5	6728161	321	1
Methyl Bromide 0.1/a	0.1 - 5 ppm	10	3706301	321	1
Methylene Chloride 20/a	20 - 200 ppm	7	8103591	321	1
Natural Gas Odorization, (Tertiary Butylmercaptan)	3 - 15 mg/m ³	3	8103071	321	1
	1 - 10 mg/m ³	5			
Natural Gas Test (5)	qualitative	100 s	CH20001	321	1
n-Butanol 10/a	10 - 250 ppm	6	8103861	321	1
	250 - 2000 ppm	1			
Nickel Tetracarbonyl 0.1/a (9)	0.1 - 1 ppm	5	CH19501	321	1
Nitric Acid 1/a	5 - 50 ppm	2	6728311	321	1
	1 - 15 ppm	4			
Nitrogen Dioxide 0.1/a	0,1 - 5 ppm	75 s	8103631	321	1
	5 - 30 ppm	15 s			
Nitrogen Dioxide 2/c	5 - 100 ppm	1	6719101	321	1
	2 - 50 ppm	2			
Nitrous Fumes 0.2/a	0,2 - 6 ppm	75 s	8103661	321	1
Nitrous Fumes 2/a	5 - 100 ppm	1	CH31001	321	1
	2 - 50 ppm	2			
Nitrous Fumes 50/b	50 - 1,000 ppm	40 s	8103941	321	1
	500 - 4,000 ppm	80 s			
Oil 10/a-P	0.1 - 1 mg/m ³	25	6728371	321	1
Oil Mist 1/a	1 - 10 mg/m ³	25	6733031	321	1
Olefine 0.05%/a - Propylene - Butylene	0.06 - 3.2 Vol.-%	5	CH31201	321	1
	0.04 - 2.4 Vol.-%				
Organ. Arsenic Compounds and Arsine	0.3 mg/m ³ as AsH ₃	3	CH26303	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Organic Basic Nitrogen Compounds	1 mg/m ³ threshold value	1.5	CH25903	321	1
Oxygen 5%/B (8)	5 - 23 Vol.-%	1	6728081	321	1
Oxygen 5%/C	5 - 23 Vol.-%	1	8103261	321	1
Ozone 0.05/b	0.05 - 0.7 ppm	3	6733181	321	1
Ozone 10/a	20 - 300 ppm	20 s	CH21001	321	1
Pentane 100/a	100 - 1,500 ppm	15 s	6724701	321	1
Perchloroethylene 0.1/a	0.5 - 4 ppm 0.1 - 1 ppm	3 9	8101551	321	1
Perchloroethylene 2/a	20 - 300 ppm 2 - 40 ppm	30 s 3	8101501	321	1
Petroleum Hydrocarbons 10/a	10 - 300 ppm	1	8101691	321	1
Petroleum Hydrocarbons 100/a	100 - 2,500 ppm	30 s	6730201	321	1
Phenol 1/b	1 - 20 ppm	5	8101641	321	1
Phosgene 0.02/a	0.02 - 1 ppm 0.02 - 0.6 ppm	6 12	8101521	321	1
Phosgene 0.25/c	0.25 - 5 ppm 0.01 - 0.3 ppm	1 8	CH28301	321	1
Phosphine 0.01/a	0.1 - 1 ppm 0.01 - 0.3 ppm	2.5 8	8101611	321	1
Phosphine 0.1/c	0.5 - 3 ppm 0.1 - 1.0 ppm	1 2.5	8103711	321	1
Phosphine 0.1/b	1 - 15 ppm	20 s	8103341	321	1
in Acetylene	0.1 - 1 ppm	4		321	1
Phosphine 1/a	10 - 100 ppm 1 - 20 ppm	2 10	8101801	321	1
Phosphine 25/a	200 - 10,000 ppm 200 - 10,000 ppm	1.5 13	8101621	321	1
Phosphine 50/a	50 - 1,000 ppm	2	CH21201	321	1
Phosphoric Acid Ester 0.05/a	0.05 ppm	5	6728461	321	1
Polytest	qualitative	1.5	CH28401	321	1
Pyridine 5/A	5 ppm	20	6728651	321	1
Styrene 10/a	10 - 200 ppm	3	6723301	321	1
Styrene 10/b	10 - 250 ppm	3	6733141	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Sulphur Dioxide 0.1/a	0.1 - 3 ppm	20	6727101	321	1
Sulphur Dioxide 0.5/a	1 - 25 ppm	3	6728491	321	1
	0.5 - 5 ppm	6			
Sulphur Dioxide 1/a	1 - 25 ppm	3	CH31701	321	1
Sulphur Dioxide 20/a	20 - 200 ppm	3	CH24201	321	1
Sulphur Dioxide 50/b	400 - 8,000 ppm	15 s	8101531	321	1
	50 - 500 ppm	3			
Sulphuric Acid 1/a (9)	1 - 5 mg/m ³	100	6728781	321	1
Sulfuryl Fluoride 1/a (5)	1 - 5 ppm	3	8103471	321	1
Tertiary Butylmercaptan (Natural Gas Odorization)	3 - 15 mg/m ³	3	8103071	321	1
	1 - 10 mg/m ³	5			
Tetrahydrothiophene 1/b (5)	1 - 10 ppm	10	8101341	321	1
	4 - 40 mg/m ³				
Thioether	1 mg/m ³ threshold value	1.5	CH25803	321	1
Toluene 5/b	50 - 300 ppm	2	8101661	321	1
	5 - 80 ppm	10			
Toluene 50/a	50 - 400 ppm	1.5	8101701	321	1
Toluene 100/a	100 - 1,800 ppm	1.5	8101731	321	1
Toluene Diisocyanate 0.02/A (9)	0.02 - 0.2 ppm	20	6724501	321	1
Trichloroethane 50/d (5)	50 - 600 ppm	2	CH21101	321	1
Trichloroethylene 2/a	20 - 250 ppm	1.5	6728541	321	1
	2 - 50 ppm	2.5			
Trichloroethylene 50/a	50 - 500 ppm	1.5	8101881	321	1
Triethylamine 5/a	5 - 60 ppm	3	6718401	321	1
Vinyl Chloride 0.5/b	5 - 30 ppm	30 s	8101721	321	1
	0.5 - 5 ppm	3			
Vinyl Chloride 100/a	100 - 3,000 ppm	4	CH19601	321	1
Water Vapour 0.1	1 - 40 mg/L	2	CH23401	321	1
Water Vapour 0.1/a	0.1 - 1.0 mg/L	1.5	8101321	321	1
Water Vapour 3/a	3.0 - 60 lbs/mmcf	90 s	8103031	321	1
Water Vapour 1/b	20 - 40 mg/L	20 s	8101781	321	1
	1 - 8 mg/L	40 s			
Water Vapour 50/a	50 - 1000 lbs/mmcf	40 s	8103021	321	1
Xylene 10/a	10 - 400 ppm	1	6733161	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Simultaneoustest Set

For semiquantitative measurements a set of five specially calibrated tubes are provided in a rubber fixture. The set is connected to a five tube adapter which is connected to the Dräger-Tube pump and the air sample is drawn through all five tubes simultaneously. The concentrations are indicated as multiples of a threshold.



Dräger Simultaneoustest Set

Dräger Simultaneous Fumigation I	Fumigants	3	8103410	321	1
Dräger Simultaneous Fumigation II	Fumigants	4	8103380	321	1
Dräger Simultaneous TIC I	inorganic Fumes	40 s	8101735	321	1
Dräger Simultaneous TIC II	inorganic Fumes	40 s	8101736	321	1
Dräger Simultaneous TIC III	organic Fumes	2	8101770	321	1
Dräger Simultaneous Indicator Substances		2	8103170	321	1
Dräger Clandestine Labtest-Set	Solvents	1	8103310	321	1
Adapter Dräger Simultaneous TIC consisting of cutting holder and adapter			6400090	311	1
Fit-up aid for 8103380			8318110	311	1
Special Dräger-Tubes for Fire Brigades Applications					
Dräger Simultaneous TIC I	inorganic Fumes	40 s	8101735	321	1
Dräger Simultaneous TIC II	inorganic Fumes	40 s	8101736	321	1
Dräger Simultaneous TIC III	organic Fumes	40 s	8101770	321	1
Dräger Simultaneous Indicator Substances		2	8103170	321	1
Polytest	qualitative	1.5	CH28401	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description			Order Code	Product Category	Packing unit
Special Dräger-Tubes for Military Applications					
Organic Arsenic Compounds and Arsine	0.3 mg/m ³ as AsH ₃	30 s	CH26303	321	1
Organic Bas. Nitrogen Compounds	1 mg/m ³ threshold value	1.5	CH25903	321	1
Phosphoric Acid Ester 0,05/a	0.05 ppm Dichlorvos	5	6728461	321	1
Simultaneous -Set / Submarine			8103180	321	1
CDS-Set I			8103140	321	1
CDS-Set V			8103200	321	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Sampling Tubes and -Systems

Using the Dräger sampling tubes and systems, hazardous substances in the air are collected using a suitable medium by adsorption or chemisorption. The sample is then analysed in the laboratory by means of various analytical methods.

For the analysis of the samples, we recommend our analytical service.



Dräger-Sampling Tubes & Systems for short- and Long-Term Measurement

Dräger-Activated Charcoal Tubes

Activated Charcoal Tubes Type NIOSH

Adapter necessary



- package of 10 tubes	6728631	324	1
- package of 50 tubes	6400741	324	1
- package of 200 tubes	6400742	324	1
Activated Charcoal Tubes Type BIA			
- package of 10 tubes	6733011	324	1
- package of 50 tubes	6400743	324	1
- package of 200 tubes	6400744	324	1
Activated Charcoal Tubes Type G			
- package of 10 tubes	6728831	324	1
- package of 50 tubes	6400745	324	1
- package of 200 tubes	6400746	324	1
Activated Charcoal Type B/G			
- package of 10 tubes	8101821	324	1

Dräger-Silicagel Tubes

Silica Gel Tubes Type BIA	6733021	324	1
Silica Gel Tubes Type G	6728851	324	1
Silica Gel Tubes Type B/G	8101861	324	1
Sampling Tubes ADS For sampling of aliphatic amines from air	8101271	324	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Orsa-Diffusionssampler

For sampling of volatile organic compounds from air

Dräger ORSA 5 Package of 5 Sampler	6728891	324	1
Dräger ORSA 25 Package of 25 Sampler	6728919	324	1

Dräger Diffusionssampler

For Immission control measurements

Dräger ORSA-Indoor For sampling of volatile organic compounds from Indoor air, including analysis of e.g. 60 indoor substances. Sample taking duration 14 days.	6400365	324	1
Isocyanate Sampling Set For sampling of isocyanate, including analysis (e.g. TDI, HDI, MDI) in air.	6400131	324	1
Aldehyde Sampling Set For sampling of aldehyde, including analysis (e.g. formaldehyde, acetaldehyde, glutardialdehyde) in air	6400271	324	1

Gas Detection Technology

Dräger-Tubes Measurement-System

Description	Order Code	Product Category	Packing unit
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Dräger Air Flow tester

Slight air currents must become visible. The detection of air currents is of particular importance; e. g. to estimate the distribution of toxic substances at workplaces and to select the right measuring points for any air analysis.



Dräger Flow-Check

The Dräger Flow Check air current indicator produces a harmless cloud of smoke that floats freely and easily, because it has the same density as ambient air. Consequently, slight air currents become visible.



Dräger Flow-Check Air flow indicator with battery charger, with one pack of ampoules (3), battery pack, packed in a transport case	6400761	311	1
Dräger Flow-Check ampoules (3 pcs.)	6400812	321	1
Charger			
Battery charger 4.8 V - 12 V, 0,8A	3703625	981	1
Accessories			
Spare part battery pack	6400817	391	1

Air-flow tester

Air-flow tester kit contained in a carrying box, comprising an Aspirator bulb, air flow, test tubes (10 pieces) and rubber cups.



Air-flow tester	CH00216	321	1
Accessories			
Air-flow test tubes (pack of 10)	CH25301	321	1
Aspirator bulk	CH12868	321	1
Package of 10 rubber cups	CH16631	321	1
Spare Parts			

For the spare parts please refer to our spare parts lists which you receive on request: E 4244.000



Dräger

MAC 2000

MOBILE BREATHING AIR COM

factair

Emergency stop button and safety labels.

Gas Detection Technology

Dräger Environmental Analysis

Description	Order Code	Product Category	Packing unit
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Dräger-Liquid-Extraction method for the measurement of contaminants in liquid samples

The Dräger Liquid Extraction method (DLE) is no longer manufactured. However, Dräger-Tubes are still offered for this set.



Dräger-Tubes for the measurement of contaminants in liquid samples

Anorganic Substances					
Ammonia	1.5 - 10 mg/L 10 - 100 mg/L	Ammonia 0.25/a Ammonia 0.25/a	8101711	321	1
Hydrocyanic Acid (Cyanide)	0.5 - 10 mg/L	Hydrocyanic Acid 0,5/a	8103601	321	1
Hydrogen Sulphide (total Sulphide)	50 - 500 µg/L	Hydrogen Sulphide 0.2/a	8101461	321	1
	0.2 - 1 mg/L	Hydrogen Sulphide 1/c	6719001	321	1
	0.5 - 10 mg/L	Hydrogen Sulphide 5/b	CH29801	321	1
Aliphatic Hydrocarbons					
Diesel fuels	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
Gasoline (for n-Octane only)	0.1 - 2 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
	2 - 25 mg/L	Petroleum Hydrocarbons 100/a	6730201	321	1
Jet fuels (Kerosine)	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
n-Octane	0.1 - 2 mg/L	Petroleum Hydrocarbons 10/a	8101691	321	1
	2 - 25 mg/L	Petroleum Hydrocarbons 100/a	6730201	321	1
Aromatic Hydrocarbons					
Benzene	0.5 - 5 mg/L	Benzene 2/a (5)	8101231	321	1
Chlorobenzene	qualitative	Chlorobenzene 5/a (5)	6728761	321	1
Total BTX	0.2 - 5 mg/L	Toluene 5/b	8101661	321	1
Total BTX (soil analysis)	2 - 50mg/Kg	Toluene 5/b	8101661	321	1

Gas Detection Technology

Dräger Environmental Analysis

Description			Order Code	Product Category	Packing unit
Toluene	1 - 10 mg/L	Toluene 50/a	8101701	321	1
Xylene (o, m, p)	0.3 - 10 mg/L	Xylene 10/a	6733161	321	1
Chlorinated Hydrocarbons					
Perchloroethylene	10 - 80 µg/L	Perchloroethylene 0.1/a	8101551	321	1
	0.1 - 2 mg/L	Perchloroethylene 2/a	8101501	321	1
1,1,1-Trichloroethane	0.5 - 5 mg/L	Trichloroethane 50/d (5)	CH21101	321	1
Trichloroethylene	10 - 100 µg/L	Perchloroethylene 0.1/a	8101551	321	1
	0.1 - 1 mg/L	Perchloroethylene 2/a	8101501	321	1
	0.2 - 3 mg/L	Trichloroethylene 2/a	6728541	321	1
Organic Acids					
Acetic Acid	0.5 - 20 g/L	Acetic Acid 5/a	6722101	321	1
Formic Acid	1 - 20 g/L	Acetic Acid 5/a	6722101	321	1
Organic Acids (sum parameter)	0.5 - 15 g/L	Acetic Acid 5/a	6722101	321	1
Propionic Acid	0.3 - 10 g/L	Acetic Acid 5/a	6722101	321	1
Addit. measur. instruct. (qualitative/quantitative) for different matrices			1947796		

Gas Detection Technology

Dräger Environmental Analysis

Description	Order Code	Product Category	Packing unit
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Dräger-Diffusion Tubes with direct indication holder

The Dräger-Diffusion Tubes are direct reading systems used for the determination of time weighted average concentrations over the duration of one to eight hours.

Since these are passive measurement systems, relying on the diffusion of contaminant molecules in air, they do not require a pump. The diffusion tubes are used with a plastic holder which is attached to the clothing (Shirt collar, pocket, etc.).



Dräger-Diffusion Tubes

Ammonia 20/a-D	20 - 1,500 ppm	2.5 - 200 ppm	8101301	321	1
Butadiene 10/a-D	10 - 300 ppm	1.3 - 40 ppm	8101161	321	1
Nitrogen Dioxide 10/a-D	10 - 200 ppm	1.3 - 25 ppm	8101111	321	1
Holder for Diffusion Tubes (pack of 3 pieces)			6733014	311	1



Träger

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Measurement with Dräger Oil Impactor

To detect oil mist in compressed air the Dräger Oil Impactor is used.

Besides measurements of mineral oils the Draeger Oil Impactor enables the measurement of synthetic oils independent of the oil type and viscosity.



Impactor for measurement of oil mist in compressed air	0.1 – 1 mg/m ³	8103530	327	1
Oil-Impactor Oil-Impactor (10)	0.1 – 1 mg/m ³	8103560	327	1
Oil Impactor 2 for Aerotest 5000 (10)	0.1 – 1 mg/m ³	8103530	327	1
Adapter for Dräger Oil-Impactor		8103557	951	1
Tube Holder		CH07000	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger Aerotest Alpha

The Dräger Aerotest Alpha is used to measure the quality of breathing air delivered by a low-pressure system (e.g. compressor or compressed air cylinder).

- The quality of the breathing air can be tested in accordance to DIN EN 12021 by means of quantitative measurements of the contaminations
- Dräger-tubes or Dräger Impactor are used for measuring
- Quick-check measurement in 5 minutes with high accuracy
- The values can be measured simultaneously or individually
- The measuring device, barbed nipple, can be connected to the low pressure compressed air supply systems
- All components of the Aerotest Alpha are arranged in a Transport case ready for use



Dräger Aerotest Alpha

- 1 Pressure Reducer
- 1 Measuring Device for 4 Tubes
- 1 Adapter Impactor
- 1 Sealing Cap
- 1 Barbed Nipple
- 1 Bubble Test Hose
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instructions for Use
- 1 Transport Case



Dräger Aerotest Alpha Without Dräger-Tubes	6527149	327	1
Dräger Aerotest Alpha, complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger Oil-Impactor	6527150	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m³	8103061	327	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger MultiTest med. Int.

With the Dräger MultiTest med. Int. contaminants in the low-pressure system in compressed air, nitrous oxide, carbon dioxide and oxygen according to USP (United States pharmacopeia as well as the European Pharmacopeia) requirements can be measured.

- The values can be measured both simultaneously or individually
- Dräger-Tubes and Oil-Impactor are used for quantitative measurement of water vapor, oil, CO₂, SO₂, H₂S, NOX, CO and other contaminants in medical gases
- The measuring device is connected with different barbed-nipple adapters
- All components of the MultiTest med. Int. are arranged in a Transport case ready for use



Dräger MultiTest med. Int.

- 1 O₂-Pressure Regulator (3 - 20 bar)
- 1 Measuring Device for 7 Dräger-Tubes
- 1 Adapter Impactor
- 1 NIST Connection
- 1 Sealing Cap
- 1 Hose Coupling
- 1 Bubble Test Hose
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instructions for Use
- 1 Transport Case



Dräger MultiTest med. Int. Without Dräger-Tubes	6527319	327	1
Dräger MultiTest med. Int., complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 1/d - 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a - 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 0.5/a - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger Oil-Impactor	6520260	327	1
Dräger MultiTest med. Int., complete with: - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P - 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 1/d - 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a - 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 0.5/a - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P - 1 Box of 10 Dräger-Tubes, Oil 10/a-P	6535122	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Hydrogen Sulphide 1/d	1 - 20 ppm	8101831	321	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Sulphur Dioxide 0.5/a	1 - 25 ppm	6728491	321	1
Water Vapour 20/a-P	20 - 1500 mg/m ³	8103061	327	1
Oil 10/a-P		6728371	327	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger SimultanTest CO₂

The Dräger SimultanTest CO₂ is used for quantitative measurement of contaminants in carbon dioxide supply systems.

- The quality of the carbonic acid can be tested by means of quantitative measurements of the contaminations
- Quick-check measurement in 5 minutes with high accuracy
- The measuring device, barbed nipple, can be connected to the low pressure carbon dioxide supply systems.
- Dräger-Tubes are used for measuring
- The values can be measured either simultaneously or individually
- All components of the SimultanTest CO₂ are arranged in a Transport case ready for use



Dräger SimultanTest CO₂

- 1 O₂-pressure regulator
- 1 Measuring device for 7 tubes
- 1 Sealing cap (G1/4)
- 1 Bubble test
- 1 Tube opener Dräger TO 7000
- 1 Timer
- 1 Instruction for use
- 1 Transport case



Dräger SimultanTest CO₂ Without Dräger-Tubes	6526743	327	1
Dräger SimultanTest CO₂, complete with: 1 Box of 10 Dräger-Tubes, Ammonia 2/a 1 Box of 10 Dräger-Tubes, Nitrous Fumes 0.2/a 1 Box of 10 Dräger-Tubes, Phosphine 0.1/c 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P 1 Box of 10 Dräger-Tubes, Sulphur Dioxide 1/a 1 Box of 10 Dräger-Tubes, Hydrogen Sulphide 0.2/a 1 Box of 10 Dräger-Tubes, Water Vapour 5/a-P	6526170	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Ammonia 2/a	2 - 30 ppm	6733231	321	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Hydrogen Sulphide 0.2/a	0.2 - 5 ppm	8101461	321	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Phosphine 0.1/c	0.1 - 1 ppm	8103711	321	1
Sulphur Dioxide 1/a	1 - 25 ppm	CH31701	321	1
Water Vapour 5/a-P	2 - 450 mg/m ³	6728531	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger Aerotest Simultaneous HP

The Dräger Aerotest Simultaneous HP is used to measure the quality of breathing air delivered by a high-pressure system (e.g. compressor or compressed air cylinder).

- Dräger-Tubes or Dräger Impactor are used for measuring
- Quick check in 5 minutes with high accuracy
- The values can be measured both simultaneously or individually
- All components of the Aerotest Simultaneous HP are arranged in a Transport case ready for use



Dräger Aerotest Simultaneous HP NOx / NF / USA

- 1 Pressure reducer with manual connection
- 1 Measuring device for 4 Tubes or 5 Tubes (only for NOx)
- 1 Adapter Impactor
- 1 Bubble test hose
- 1 Package of 5 sinter filters
- 1 Break-off device for tubes
- 1 Timer
- 1 Instructions for use
- 1 Transport case



Dräger Aerotest Simultaneous HP Without Dräger Tubes & Dräger Oil Impactor / connector: G 5/8	6525937	327	1
Dräger Aerotest Simultaneous HP, complete Including Dräger Tubes and Impactor / connector: G 5/8	6525951	327	1
Dräger Aerotest Simultaneous HP NOx, (measuring device for 5 tubes) Without Dräger Tubes & Dräger Oil Impactor / connector: G 5/8	6525975	327	1
Dräger Aerotest Simultaneous HP NF Without Dräger Tubes & Dräger Oil Impactor / connector: M25x2, INT	6525977	327	1
Dräger Aerotest Simultaneous HP NF, complete Including Dräger Tubes and Impactor / connector: M25x2, INT	6922747	327	1
Dräger Aerotest Simultaneous HP USA Without Dräger Tubes & Dräger Oil Impactor connector: G 5/8, CGA347-I and 825-14 NGO-RH-EXT	6525980	327	1
Dräger Aerotest Simultaneous HP USA, complete Incl. Dräger Tubes and Impactor connector: G 5/8, CGA347-I and 825-14 NGO-RH-EXT	6525990	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m ³	8103061	327	1
Nitrous Fumes 0.2/a	0.2 - 6 ppm	8103661	321	1
Oil-Impactor		8103560	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger Aerotest Navy

The Aerotest Navy is used to measure the quality of breathing air delivered by a high-pressure system (e.g. compressor or compressed air cylinder).

- Dräger-Tubes are used for measuring - The breathing air is monitored according to DIN EN 12021
- The values can be measured both simultaneously or individually
- All components of the Aerotest Navy are arranged in a transport case ready for use



Dräger Aerotest Navy

- 1 Pressure reducer with manual connection
- 1 Measuring device for 4 tubes
- 1 Adapter for compressor valve PN 300 bar
- 1 Adapter for cylinder valve PN 300 bar
- 1 Bubble-Test
- 1 Timer
- 1 Dräger-Tube opener TO 7000
- 1 Instructions for use
- 1 Transport case



Dräger Aerotest Navy without Dräger-Tubes, Dräger-Tube pump accuro, Spare-part kit for Dräger-Tube pump accuro	6525970	327	1
Dräger Aerotest Navy, complete additionally with: 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P 1 Box of 10 Dräger-Tubes, Oil PN 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P 1 Box of 10 Dräger-Tubes, Oxygen 5%/C 1 Dräger-Tube Pump accuro 1 Dräger Spare-part kit for Dräger-Tube Pump accuro	6525960	327	1

Dräger-Tubes

Each package includes ten Dräger-tubes / Dräger Oil-Impactor



Carbon Dioxide 100/a-P	100 - 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 - 150 ppm	6728511	327	1
Water Vapour 20/a-P	20 - 100 mg/m ³	8103061	327	1
Oxygen 5%/C	5 - 23 vol %	8103261	321	1
Oil PN	5 mg/m ³	8103111	327	1

Gas Detection Technology

Portable Measuring Devices for Compressed Breathing Gases

Description	Order Code	Product Category	Packing unit
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Dräger-Tubes and Devices for Compressed Breathing Gases



Ammonia 2/a	0.6 – 9 ppm	6733231	321	1
Carbon Dioxide 100/a-P	100 – 3000 ppm	6728521	327	1
Carbon Monoxide 5/a-P	5 – 150 ppm	6728511	327	1
Hydrogen Sulphide 0.2/a	0.04 – 1 ppm	8101461	321	1
Hydrogen Sulphide 1/d	1 – 20 ppm	8101831	321	1
Nitrous Fumes 0.2/a	0.2 – 6 ppm	8103661	321	1
Oil 10/a-P	0.1 – 1 mg/m ³	6728371	327	1
Oil PN only for use in Aerotest Navy	5 mg/m ³	8103111	327	1
Phosphine 0.1/c	0.1 – 4 ppm	8103711	321	1
Sulphur Dioxide 0,5/a	1 – 25 ppm	6728491	321	1
Sulphur Dioxide 1/a	0.5 – 2 ppm	CH31701	321	1
Water Vapour 5/a-P	5 – 200 mg/m ³	6728531	327	1
Water Vapour 20/a-P	20 – 250 mg H ₂ O/m ³ 35 – 500 mg H ₂ O/m ³ 150 – 1500 mg H ₂ O/m ³	8103061	327	1

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
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The Dräger-Measurement Center is accredited according to DIN EN ISO / IEC 17025 (DAKKS D-PL-14186-01).

General services from the Dräger-measurement Center:



Work place measurement

According to German TRGS-Regulations (e.g. measurement of isocyanate in industry, measurement of solvents in print shops, etc.)

- Inspection, measurement planning and air sampling at the customer's premises
- Analysis of the samples
- Measuring report / survey report
- Suggestions of exposure reducing actions if necessary

Indoor pollutants

Volatile or gaseous substances play a more important role in interiors:

- Consulting, measurement planning acc. to ISO 16000 and VDI-regulations 4300
- Taking of air samples and if necessary samples of materials Locally at the customer
- Analysis of the samples
- Measurement report according to indoor regulations and recommendations

Analysis of compressed air and other compressed gases

- Oil (aerosol and vapour) in accordance with ISO 8573
- Oil (aerosol) in compressed air for medical application in accordance with Eu. Ph.
- Measurement, planning and sampling locally at the customer or providing the sampling units; sampling done by the customer
- Analysis of the samples
- Findings measurement report
- Control measurement

Pricing

Since the expenditure for these services depends substantially on the number of measurements as well as on the range of the individual analyses, the price can be determined only in form of a detailed offer.

Address:

Dräger Safety AG & Co. KGaA

Analytical Services

**Revalstraße 1,
23560 Lübeck,**

Germany

E-mail: Analysenservice@Draeger.com

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
Analysis of sampling tubes and – systems on organic gases and vapours at workplaces and indoor environments			
Organic vapours e.g. alcohols, BTX, ester, ketons, perchloroethylene etc. sampling media: charcoal tube, Dräger ORSA-diffusion sampler. quantitative analysis of one substance	1947885	163	1
Quantitative analysis for each further substance	1947893	163	1
Complete Analysis Qualitative and quantitative analysis of all identified VOC's	1947915	163	1
Volatile organic compounds in the indoor air incl. sampling media (thermal-desorbtion-tubes e.g. Tenax TA) TDS-VOC-Screening by GC-MS analysis	1947958	163	1
Glycol derivatives Sampling media: charcoal tube, Dräger ORSA-diffusion sampler qualitative and quantitative analysis of glycol derivatives	1947885	163	1
Ethylene oxide, Vinyl chloride, Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler qualitative and quantitative analysis of ethylene oxide resp. vinyl chloride	1947885	163	1
Methanol or Phenol, Sampling medium: silicagel tube qualitative and quantitative analysis on methanol resp. phenol	1947885	163	1
Hydrocarbon mixtures (e.g. in accordance with RCP-method) Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler	1947923	163	1
Volatile amins or n-heterocycles Sampling medium: sampling tube type ADS quantitative analysis of one substance	1947931	163	1
Overview analysis (16 substances)	1947966	163	1
Volatile Anesthesia Sampling medium: charcoal tube, Dräger ORSA-diffusion sampler Qualitative and quantitative analysis of desflurane, enflurane, halothane, Isoflurane, sevoflurane	1947907	163	1
Benzene resp. BTEX Sampling medium: Dräger ORSA-diffusion sampler > 50 sampler/analysis order/project	1941178	163	1

Gas Detection Technology

Dräger-Accredited Measurement Center and Analytical Services

Description	Order Code	Product Category	Packing unit
Isocyanate sampling set Sampling medium including analysis on TDI, HDI, MDI, etc.	6400131	324	1
Aldehyde sampling set Sampling medium including analysis on formaldehyde, acetaldehyde, glutaraldehyde, etc.	6400271	324	1
Oil aerosols + vapours (e.g. work place measurements) Including conditioned filters + XAD-cartridges	1941178	163	1
Rest oil content in compressed air (oil aerosols + vapours) In accordance with ISO 8573 Including conditioned filters + charcoal tube	1919504	163	1
Leasing of volume flow measurement device and a dosing unit for pressure air probe. Price per week	1941178	163	1
"Softening agents" like e.g. diethylhexyl phthalate (DEHP) Including sample medium (Tenax TA)	1941178	163	1
Express service			
Rush orders for the analysis service (not for expert opinions / measuring center orders)			
Analysis result within 5 days after sample receipt			15 % extra charge
Analysis result within 3 days after sample receipt			30 % extra charge



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