



PRODUCT BROCHURE

KERN KDP 3000-2

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ENGLISH



Universal weighing platforms for flexible connection in process chains

CONTACT

 Address

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

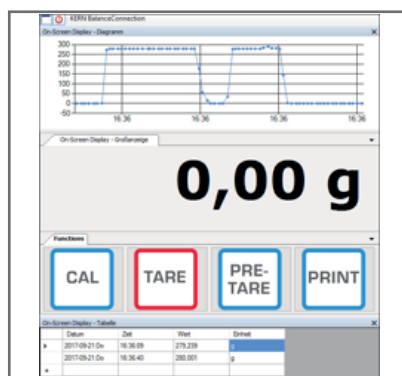
 Phone and fax

Phone : +49 - [0] 7433 - 9933 - 0
Fax : +49 - [0] 7433 - 9933 - 149

 Internet

Email : info@kern-sohn.com
Web : www.kern-sohn.com

PRODUCT SHOWCASE



DESCRIPTION

- Industry 40 process chains: these weighing platforms can be easily integrated into your process chain All recorded values can be easily transferred and processed further in your system as digital data and data that has already been compared using the many interfaces available This saves cost, time and resources and ensures even more effective working
- Connecting the platform with a tablet or PC offers the advantage of being able to use the apps and programs which are on that device These apps and programs are usually already tailored to your needs, are easy and convenient to use and can often be expanded as needed This offers you the maximum level of flexibility when displaying, processing and saving the recorded weighing data
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP) KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems In a large number of cases the KCP is compatible with the MT-SICS protocol
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- [[1]] A practical status LED informs about the active power supply
- Software BalanceConnection for adjusting and managing the KERN KDP, for large-format display of the values collected on the PC as well as transfer of this data to other Apps and programs included with the delivery

SPECIFICATION

Article codes, product groups & Status information

Model article-code	KDP 3000-2
Model-Serie	KDP
Assortment	KERN

Product Type	Industrial scales
Product group	Digital weighing systems
Product usage type	Spare part;Main article;Accessories/DL
EAN code (Model)	4045761251892
Predecessor Model	KDP 3000-2-2020a; KDP 3000-2-2023a
Planned start date	2022-1HJ
Customs tariff number	84239010

Technical data - Primary

Weighing capacity	3.5 kg
Readability	10 mg
Indicator cable length	1.5 m
Net weight	1.588 kg
Dimensions weighing platform	165×165×73 mm

Technical data - Construction

Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	160×160 mm
Dimensions of weighing plate (W×D)	160×160 mm
Indicator cable length	1.5 m
Dimensions weighing platform	165×165×73 mm
Dimensions display casing	0×0×0 mm
Dimensions mounted completely	165×166×75 mm
IP protection indicator	no IP protection

Technical data - Power supply

Mains adapter/adapter included	CH;EURO;UK;US
Input Voltage	100 V - 240 V, 50 / 60 Hz

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 50 mg
Readability	10 mg
Recommended adjusting weight	3 kg (F1)
Repeatability	20 mg
Warm up time	120 min

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	250×355×160 mm
Gross weight	2.2 kg
Net weight	1.6 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - plastics	0 g

Packaging component - by weight - styrofoam	0 g
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Packaging component - by weight - glass	0 g
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Packaging component - by weight - wood	0 g
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Packaging component - by weight - foam	0 g
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Packaging component - by weight - metal	0 g
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Delivery time	1 d
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Technical data - Verification

Verification approval conforming to 2014/31/EU	yes
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Optional Services

DAkkS Calibration	963-127
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FUNCTIONS

Standard



Option



Factory



ACCESSORIES

Model	Description	Price
YMI-A01	Data Interface KERN YMI-A01	95.00 €

SERVICES

Model	Description	Price
963-127	DAkkS Calibration KERN 963-127	98.00 €
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517	21.00 €
970-101	Warranty extension KERN (+2 years) 970-101	150.00 €

SPARE PARTS

Model	Description	Price
RPCD-8002	Adjustable base foot RPCD-8002	15.00 €
RPCD-6002	Weighing plate KERN RPCD-6002	40.00 €
RPCD-8006	Level bubble RPCD-8006	11.00 €
R440-000-13-001	DC socket R440-000-13-001	5.00 €

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Verification value (e)	Minimum load (Min)	Indicator cable length	Net weight	Dimensions weighing platform
KDP 10K-3-2022e	10 kg	1 g			1.5 m	1.35 kg	165×165×73 mm
KDP 10K-4	10 kg	100 mg			1.5 m	1.349 kg	165×165×73 mm
KDP 3000-2	3.5 kg	10 mg			1.5 m	1.588 kg	165×165×73 mm
KDP 300-3-2022e	350 g	1 mg			1.5 m	1.04 kg	165×165×73 mm
KDP 300-3	350 g	1 mg			1.5 m	1.04 kg	165×165×73 mm
KDP 10K-3	10 kg	1 g			1.5 m	1.35 kg	165×165×73 mm