

# STIRRING DRIVE FOR EXPLOSION PROTECTION ZONES

Designed for chemical, biotechnical and medical applications of all kinds, developed for the daily lab use and continuous operation in explosion protection zones.

## atexMIXdrive

Explosion protected, ultra flat, wear-free magnetic stirrer with 1 stirring position, for up to 10,000 ml.

- Explosion protected magnetic stirring system
- Wear-free magnetic stirrer
- Up to 10,000 ml stirring volume
- Outstanding long-life quality
- Developed and made in Germany

magnetic motion



Type	atexMIXdrive
Stirring points	1
Stirring volume/stirring point	1 - 10,000 ml
Stirring power (max.)	20 W
Material housing	Stainless steel
Permitted operation conditions	-10 °C up to +40 °C in air, up to +40 °C in water
Operating voltage (max.)	48 VDC
Dimensions (WxDxH)	180 x 180 x 38 mm
Protection category	IP68
Weight (gross)	3.5 kg
Ex-mark	ATEX II 2G Ex mb IIC T4
Order no.	49001

2 years warranty on material and manufacturing. We reserve the right to make technical alterations. We do not assume liability for errors in printing or typing.

1 stirring position, 100% maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept for powerful mixing of solutions, jerk-free stirring even at low speeds.

Fully encapsulated and hermetically sealed stainless steel housing, IP68, water-, dust- and germproof. Extremely robust construction and performance, easy to clean and maximum resistance.

Submersible in water- or oil baths, suitable for the use in CO<sub>2</sub>-incubators and ovens, temperate range up to +40 °C, certified according to ATEX II 2G Ex mb IIC T4.

**Please order control unit separately!**

### Compatible control units

#### atexMIXcontrol

Explosion protected control unit (protection zone 1)

#### atexMIXcontrol cleanroom

Explosion protected control unit (protection zone 2)

#### MIXcontrol 20

Universal control unit (outside the protection zone)

### Accessories

ASTEROID 40 - Stirring bar

Stirring bar remover PTFE

# CONTROL UNITS FOR atexMIXDRIVE STIRRING DRIVE

Designed for 2mag stirring drives atexMIXdrive.

Designed for chemical, biotechnical and medical applications of all kinds.



## atexMIXcontrol

Explosion protected control unit for the connection of 1 stirring drive atexMIXdrive, suitable for protection zone 1.



20 watts stirring power, speed range from 100 up to 2,000 rpm, jerk-free stirring even at low speeds, 4-step power setting (25/50/75/100%).

Clear digital display for speed- and power settings, SoftStart for reliable catching/centering and safe accelerating of the stirring bar.

QuickSet for quick setting of start and maximum speed, automatic memory function to save the last settings, explosion protected housing, operation temperature up to +40°C, certified according to ATEX II 2G Ex de IIC T6 Gb.

## atexMIXcontrol cleanroom

Explosion protected control unit for the connection of 1 stirring drive atexMIXdrive, suitable for protection zone 2 or cleanrooms.



20 watts stirring power, speed range from 100 up to 2,000 rpm, jerk-free stirring even at low speeds, 4-step power setting (25/50/75/100%).

Clear digital display for speed- and power settings, SoftStart for reliable catching/centering and safe accelerating of the stirring bar.

QuickSet for quick setting of start and maximum speed, automatic memory function to save the last settings, explosion protected housing, operation temperature up to +40°C, certified according to ATEX II 3G Ex nA nL IIC T6.



Type	atexMIXcontrol	atexMIXcontrol cleanroom
Speed range	100 - 2,000 rpm	
Stirring power (max.)	20 W	
Power setting	4-step (25/50/75/100%)	
Material housing	Aluminium/Plastic	Aluminium
Perm. operation conditions	0 °C up to +40 °C (at 80% humidity)	
Electrical data	100-240 V / 50-60 Hz / 1.5 A	
Dimensions (WxDxH)	360 x 460 x 200 mm	210 x 55 x 30 mm
Weight (gross)	approx. 15 kg	approx. 3.6 kg
Protection category	IP65	
Ex-mark	ATEX II 2G Ex de IIC T6 Gb	ATEX II 3G Ex nA nL IIC T6
Certificate of conformity	KEMA 03 ATEX 2045	EPS 10 ATEX 1 246 X
Order no.	99200	99300

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Compatible stirring drives

atexMIXdrive

