

E Technical details

Magnetic stirrer MIXdrive 6 / 12 / 24 / 96 MTP

	MIXdrive 6 MTP	MIXdrive 12 MTP	MIXdrive 24 MTP	MIXdrive 96 MTP
Order no.	43006	43012	43024	43096
Stirring points	6	12	24	96
Stirring point distance	39 mm	26 mm	19 mm	9 mm
Stirring volume/point	20 ml	7 ml	3.5 ml	0.5 ml
Stirring power (max.)	10 Watt			
Material housing	stainless-steel			
Material sealing	PUR			
Permitted operation conditions (air)	-10 up to +50 °C (at 100% humidity)			
Permitted operation Conditions (water)	+50 °C in water immersed			
Measurement (WxDxH)	140 x 102 x 26 mm			
Weight (gross)	approx. 1.3 kg			
Permitted storage conditions.	-40 °C up to +70 °C, 10 – 95 %, 500 - 1060 hPa			
Protection category	IP68			
Operating voltage (max.)	48 VDC			

Magnetic stirrer MIXdrive OEM / OEM HT

The technical data of OEM version are depending on the individual specs.

Accessory Extension Cord for MIXdrive

	Extension Cord MIXdrive
Order no.	46100
Material	silicone cover, wires PTFE-covered
Length	3 m
Weight (gross)	approx. 0.15 kg

Control unit MIXcontrol eco

	MIXcontrol eco
Order no.	90100
Speed range	120 – 1,200 rpm
Stirring power	10 watts
Stirring power steps	-
Housing material	Plastics molding
Measurements (WxDxH)	65 x 50 x 45 mm
Weight (gross)	approx. 0.5 kg
Permitted operation conditions	0 up to +40 °C (at 80% humidity)
Electrical data	100-240 V / 50-60 Hz / 0.75 A
Permitted storage conditions.	-40 °C up to +70 °C, 10-95 %, 500-1060 hPa
Protection category	IP20

Control unit MIXcontrol eco DINrail with potentiometer, 0-10 V or RS232

	MIXcontrol eco DINrail mit Poti	MIXcontrol eco DINrail 0-10V	MIXcontrol eco DINrail RS232
Order no.	90140	90150	90160
Speed range	120 – 1,200 rpm		
Stirring power	10 watts		
Stirring power steps	-		
Housing material	Plastics molding		
Measurements (WxDxH)	24 x 100 x 120 mm		
Weight (gross)	approx. 0.25 kg		
Permitted operation conditions	0 up to +40 °C (at 80% humidity)		
Operating voltage (max.)	24 VDC		
Permitted storage conditions.	-40 °C up to +70 °C, 10-95 %, 500-1060 hPa		
Protection category	IP20		

Control unit MIXcontrol MTP

	MIXcontrol MTP
Order no.	90250
Order no. with RS232 interface	90252
Speed range	100 – 2,000 rpm
Stirring power	10 watts
Stirring power steps	4-steps (25/50/75/100%)
Voltage output	48 VDC
Housing material	stainless-steel
Measurements (WxDxH)	200 x 155 x 38 mm
Weight (gross)	approx. 1.9 kg
Permitted operation conditions	0 up to +40 °C (at 80% humidity)
Permitted storage conditions	-40 °C up to +70 °C, 10-95 %, 500-1060 hPa
Protection category	IP20
Electrical data	100-240 V / 50-60 Hz / 1.5 A

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EU-DECLARATION OF CONFORMITY FOR TECHNICAL DEVICES

(acc. to EU-guideline of the electromagnetic compatibility 2014/30/EU and the low voltage directive 2014/35/EU)

2mag AG
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Hereby declares that the product

MIXdrive 6 / 12 / 24 / 96 MTP

incl.
MIXcontrol eco / MTP

is conform to the appropriate regulations of the EU-guideline of the electromagnetic compatibility (EU-guideline 2014/30/EU) as well as the low voltage directive (2014/35/EU) incl. their changes and the laws for the realization of the guideline into national law.

The declaration is valid under the following conditions:
The ambient conditions being stated in the operation manuals have to be adhered to.
This mainly applies to the supply with electric energy.

The following norms/standards were chosen to evaluate the finished products with regard to electromagnetic compatibility:

- DIN EN 61000-3-2
- DIN EN 61000-3-3
- DIN EN 61326-1
- DIN EN 60529

The following norms/standards were chosen to evaluate the finished products with regard to low voltage directive:

- DIN EN 61010-1
- DIN EN 61010-2-51

Muenchen, 20.04.2016

Signature: _____



Dr. Klaus Kaufmann (CTO)