

Stirring Systems (Submersible) with External Control for Viscous Liquids or Volumes up to 40 liter, 2mag

Technical data:

	MIXdrive 1 eco	MIXdrive 1	MIXdrive 6	MIXdrive 15
Stirring points:	1	1	6	15
Stirring volume/ stirring point:	3,000 ml	10,000 ml	3,000 ml	3,000 ml
Stirring power (max.):	10 W	20 W	20 W	20 W
Material housing:	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Dimensions (WxDxH):	120x120x35 mm	180x180x38 mm	245x375x38 mm	
Weight:	1.6 kg	3.5 kg	9.4 kg	9.5 kg
Protection class:	IP 68	IP 68	IP 68	IP 68
Permitted operation conditions:	-10°C up to +50°C (at 100% humidity)			
Permitted operation conditions HT:	+50°C in water immersed			
	-30°C up to +200°C (at 100% humidity)			
	+95°C in water immersed			

2mag MIXdrive 15 / 15 HT

100% wear-free magnetic stirrer, without motor. 15 positions for 15 x 250 ml cup glasses (tall form), positions spaced at 65 mm, powerful, 100% synchronized, stainless steel housing sealed against water, dust, and germs, IP68, submersible, suitable for CO₂ cabinets, easy to clean, robust, extra long service life, 3 years warranty, made in Germany. Choose between 2 different temperature ranges: **MIXdrive Basic Version** up to +50°C, **MIXdrive HT version** up to +95°C submersed in water baths und up to +200°C in the oven, customized sizes available on request, 3 years warranty, made in Germany.

Article	Order No.
Sirring system 2mag MIXdrive 15	10 18 54015
Sirring system 2mag MIXdrive 15 HT	10 18 54215

2mag MIXdrive 60 / 60 HT

Technically identical with MIXdrive 15, but with 60 positions for 60 test tubes, positions spaced at 32.5 mm.

Article	Order No.
Rührsystem 2mag MIXdrive 60	10 18 54060
Rührsystem 2mag MIXdrive 60 HT	10 18 54260

2mag MIXdrive 6 / 6 HT

Technically identical with MIXdrive 15, but with 6 positions for 6 x 1,000 ml conical flasks, positions spaced at 130 mm.

Article	Order No.
Stirring system 2mag MIXdrive 6	10 18 54006
Stirring system 2mag MIXdrive 6 HT	10 18 54206

2mag MIXdrive 1 / 1 HT

Technically identical with MIXdrive 15, but with 1 position for max. 10,000 ml.

Article	Order No.
Stirring system 2mag MIXdrive 1	10 18 54001
Stirring system 2mag MIXdrive 1 HT	10 18 54201

2mag MIXdrive 1 eco / 1 eco HT

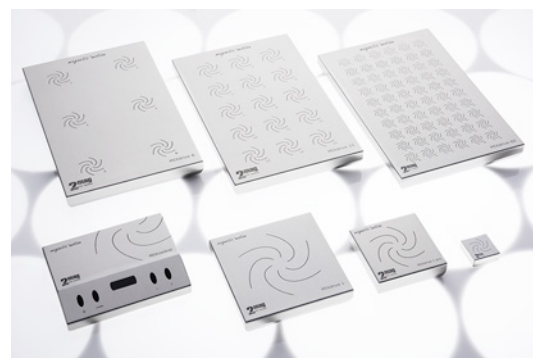
Technically identical with MIXdrive 1, but with 1 position for max. 3,000 ml. Small footprint.

Article	Order No.
Stirring system 2mag MIXdrive 1 eco	10 18 54101
Stirring system 2mag MIXdrive 1 eco HT	10 18 54301

Combination possibilities of stirring systems: MIXdrive – MIXcontrol

MIXdrive (basic) up to +50°C (in air and immersed)	MIXdrive 60	MIXcontrol 40
	MIXdrive 15	MIXcontrol 20
	MIXdrive 6	MIXcontrol eco
	MIXdrive 1	MIXcontrol 20
		MIXcontrol eco
MIXdrive (HT) (HT = High Temperature) up to +200°C (in air) up to +95°C (immersed)	MIXdrive 1 eco	MIXcontrol eco
	MIXdrive 1 XS	
	MIXdrive 60 HT	MIXcontrol 40
	MIXdrive 15 HT	MIXcontrol 20
	MIXdrive 6 HT	MIXcontrol eco
	MIXdrive 1 HT	MIXcontrol 20
		MIXcontrol eco
	MIXdrive 1 eco HT	MIXcontrol eco
	MIXdrive 1 XS HT	

Please order control devices MIXcontrol additionally.



Control Devices MIXcontrol For MIXdrive Stirring Drives

Technical data:

	MIXcontrol eco	MIXcontrol 20	MIXcontrol 40
Speed range:	100 – 1,200 rpm	100 – 1,600 rpm	100 – 2,000 rpm
Stirring power (max.):	10 W	20 W	40 W
Power settings:	–	4-steps	10-steps
Material housing:	Plastic	Stainless steel	Stainless steel
Dimensions (WxDxH):	65 × 50 × 45 mm	200 × 155 × 38 mm	200 × 155 × 38 mm
Weight:	0.5 kg	1.9 kg	1.9 kg
Protection class:	IP 20	IP 20	IP 20
Power supply :	0.7 A	100–240 V / 50–60 Hz / 1.5 A	

2mag MIXcontrol 40

Efficient control unit for 2 × stirrer drives MIXdrive, powerful 40 Watt stirring performance, speed range 100–2,000 rpm, jerk-free stirring even at low speed, power can be set in 10 levels (10–100%) for high power for large volumes of viscous material and reduced power for permanent operation without heating e.g. for incubators, digital display, SoftStart, stainless steel housing, 3 years warranty, made in Germany.



Article	Order No.
① Control device 2mag MIXcontrol 40	10 18 59040

2mag MIXcontrol 20

Universal control unit, for 1 × MIXdrive, 20 Watt stirring power, speed range 100–1,600 rpm, power can be set in 4 levels (25–100%), otherwise identical with MIXcontrol 40.

Article	Order No.
② Control device 2mag MIXcontrol 20	10 18 59020



2mag MIXcontrol eco

Budget control unit, for 1 × MIXdrive, 10 Watt stirring power, speed range 100–1,200 rpm, SoftStart, easy operation via control knob/speed scale.

Article	Order No.
③ Control device 2mag MIXcontrol eco	10 18 59010

Accessories for MIXdrive stirring drives

2mag distriBOX 4 / 8

4-/8-fold distributor for synchronous operation of 4/8 × MIXdrive units at one MIXcontrol 20/40 unit, sealed stainless steel housing.

Dimensions: distriBOX 4: 48×48×25 mm, distriBOX 8: 48×92×25 mm

Article	Order No.
④ Distribution box 2mag distriBOX 4	10 18 54904
Distribution box 2mag distriBOX 8	10 18 54908



⑤ 2mag MIXdrive 1 XL / MIXcontrol XL

2mag MIXdrive 1 XL

Ultra flat, strong magnetic stirrer, up to 40 liter, up to +100°C ambient temperature, 3 years warranty, Made in Germany.

2mag MIXcontrol XL

Powerful control unit for MIXdrive 1 XL, wide speed range 70–2,000 rpm, jerk-free, even and smooth stirring even at slow speeds, incl. mixWATCH, stirring bar monitoring with fully automatic trim of the maximum reachable speed, for reliable and unattended operation, digital display, 4-step power setting, high power setting for viscous liquids and reduced power setting for long-term operation without warming effect, adjustable SoftStart for different volumes/viscosities, adjustable interval times for automated restart, Quick-Stop against after-run and glass breakage, RS232, 3 years warranty, Made in Germany.

Hint: Please order control unit separately!

Technical data:	MIXdrive 1 XL	MIXcontrol XL
Stirring volume:	1 – 40 liter	
Stirring power (max.):	20 watts	20 watts
Speed range:	70 – 2.000 rpm	70 – 2.000 rpm
Acceleration:	variable, 10/30/60/120 s	variable, 10/30/60/120 s
Interval:	variable, 0–240 s	variable, 0–240 s
Material housing:	Stainless steel	Stainless steel
Dimensions (WxDxH):	225×225×38 mm	200×155×38 mm
Weight:	4.0 kg	1.9 kg
Protection category:	IP 66	IP 20
Operation conditions:	+5 to +100°C (at 95% humidity)	
Electrical data:	24 V	100–240 V/1,5 A

Article	Order No.
Stirring system 2mag MIXdrive 1 XL	10 18 54601
Control device 2mag MIXcontrol XL	10 18 59060



2mag mixBATH

Stainless steel bath, for MIXdrive 6/15/60, long service life, sturdy, easy to clean, suitable for immersion thermostats (heating/cooling), exact positioning of stirrer with immersion circulators, identification of stirrer position in the bath.

Technical data:

Inner dimensions (WxDxH): 277 × 537 × 175 mm

Outer dimensions (WxDxH): 318 × 600 × 190 mm

Weight: 8.0 kg

Article	Order No.
⑥ Stainless steel bath 2mag mixBATH	10 18 54950

⑥ 2mag mixCOVER

Chemically resistant, transparent cover (polycarbonate) for mixBATH, for minimization of evaporating effects, different cutouts for immersion thermostat - version MIXdrive 6 und 15 available.

Technical data:

Material: Polycarbonate

Dimensions (WxDxH): 315 × 575 × 8 mm

Weight: 6.3 kg

Article	Order No.
2mag mixCOVER for MIXdrive 6	10 18 54806
2mag mixCOVER for MIXdrive 15	10 18 54815

2mag mixBATH PC

Water bath made of polycarbonate, durable up to +50°C, robust, easy to clean, suitable for MIXdrive 1/6/15/60 as well as MIXdrive 1 XS/1 eco, fitting for immersion thermostats (heating/cooling), easy to clean, exact positioning of the stirrer in the case of use the stirrer under the bath.

Technical data:

Inner dimensions (WxDxH): 280 × 540 × 178 mm

Outer dimensions (WxDxH): 300 × 560 × 198 mm

Weight: 8.3 kg

Article	Order No.
⑦ 2mag mixBATH PC	10 18 54085

