

MAGNETIC STIRRERS

WELL-PROVEN CONCEPTS - INNOVATIVE PRODUCTS

magnetic motion



- 100% wear- and maintenance-free
- 30% more stirring power than comparable systems
- Super-flat, space-saving stirring drives - ideal for robotics
- Made for permanent operations
- Heat resistant and submersible
- Synchronous speed at all stirring positions
- Zero-stand-by power supply units
- Individual configurations fast and economic realizable
- Experience with inductive and magnetic drive concepts since 1974



INDUCTIVE DRIVE - MAINTENANCE- AND WEAR-FREE

Our magnetic drives are working on the inductive principle. This means that instead of conventionally problematic motors with pull magnets, 2mag is working with stationary coils, which are defined flow through by alternating currents. The thereby generated electromagnetic rotating field is 100% wear- and maintenance-free. The drive does not have any mechanically moved parts, as e.g. belts, bearings or motors. Therefore, the drives are reliable and absolutely wear-free even at high operation temperatures (up to +300 °C).





Single stirring point	Multiple stirring points
Up to 3 litres stirring volume, without motor	
MIX 1 eco	
accuMIX	
luMIX	
🌀 cuvetteMIXdrive 1	
🌀 MIXdrive 1 XS (HT)	
🌀 MIXdrive 1 eco (HT)	
	MIX 15 eco
Up to 10 litres stirring volume, without motor	
MIX 1	
	MIX 4 MS
	MIX 6
	MIX 15
	MIX 8 XL
	MIX 12 XL
🌀 MIXdrive 1 (HT)	
🌀 atexMIXdrive	
	🌀 MIXdrive 6 (HT)
	🌀 MIXdrive 15 (HT)
	🌀 MIXdrive 60 (HT)
Up to 1,000 litres stirring volume, strong	
MIX 1 XL	
🌀 MIXdrive 1 XL	
maxMIX	
🌀 MAXdrive	
🌀 FABdrive	
🌀 steriMIXdrive	
For cell cultures, warming-free	
bioMIX 1	
🌀 bioMIXdrive 1	
	🌀 bioMIXdrive 2 / 3 / 4
For microtiter plates	
	🌀 MIXdrive 6 / 12 / 24 / 96 MTP
Heatable stirring systems	
hotMIX 1	
	🌀 STIRRING DRYBATH 15-100
	🌀 STIRRING DRYBATH 15-250
	🌀 STIRRING DRYBATH 8-250 ERL
	🌀 STIRRING HOTPLATE 6
	🌀 STIRRING HOTPLATE 15
🌀 with external control unit	

magnetic motion

The main importance of our passion lies upon our customers and our products! 2mag is providing you more than 30 years of competence in the conception, development, production and sales of magnetic and inductive drive concepts, as e.g. magnetic stirrers. This experience paired with a great passion and emotion for our customers – and our products – enables the fast and economic creation of solutions precisely for your needs.

„Customizing“, the manufacturing of special made products, is our business, our competence and our passion! Individual requests will result in individual – and even more important – also economically realizable solutions.

Ask us – test us – we are there for you!

emotion for motion

- Customer-oriented
- Short communication ways – competent team
- Direct access to experienced contact persons
- Fast reactions
- Innovative products
- Well-proven concepts
- Experience with inductive and magnetic drive concepts since 1974

HEATABLE STIRRER

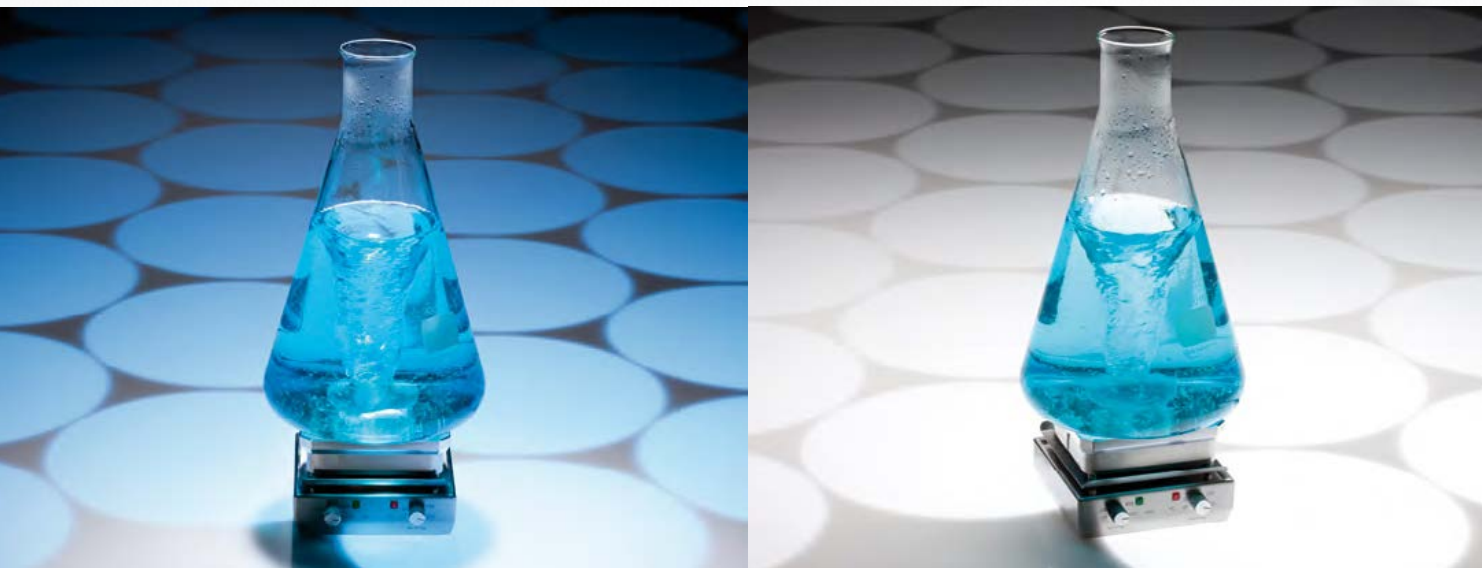
Developed for stirring and temperating jobs in daily lab use. Designed for chemical, biotechnical and medical applications of all kinds, developed for the hard daily lab use and uncompromising continuous operation.

hotMIX 1

Smallest hotplate magnetic stirrer of the world. Compact, powerful and very robust magnetic stirrer with aluminium hotplate, unbeaten space-saving and also suitable for the operation with viscous and aggressive media.

- 🌀 Maintenance- and wear-free
- 🌀 Fast electrical heating
- 🌀 Robust, long-life quality
- 🌀 Developed and made in Germany

magnetic motion



Type	hotMIX 1
Stirring points	1
Stirring volume/stirring point	1 - 2,000 ml
Speed range	100 - 1,600 rpm
Stirring power (max.)	10 W
Power setting	-
Temperature range	+40 °C up to +200 °C
Material heating plate	aluminium alloy
Material housing	stainless steel
Permitted operation conditions	-10 °C up to +40 °C (at 80% humidity)
Operating voltage	230 V
Heating power (max.) at 230 V	500 W
Dimensions (WxDxH)	120 x 140 x 80 mm
Protection category	IP20
Weight (gross)	approx. 2.0 kg
Order no.	61001

3 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.

Price-optimized magnetic stirrer, 100% maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept for mixing of solutions, speed range from 100 up to 1,600 rpm, jerk-free stirring even at low speeds. SoftStart for reliable catching/centering and safe accelerating of the stirring bar, resistant stainless steel housing for easy and fast cleaning, spill over protection, extremely robust construction.

Hotplate made from resistant aluminium alloy, max. heating temperature +200 °C, socket for contact thermometer (accessory), warning-LED in case of hot plate, 3 integrated overtemperature protection loops against overheating.

Accessories

mixTHERM - Thermometer



ACCESSORIES FOR HEATABLE STIRRERS

Designed for 2mag hotMIX.

mixTHERM

Thermometer with flexible Pt 1000 sensor,
precise and fast rules by fuzzy logic control.

magnetic motion



Type	mixTHERM
Measuring range	-50 °C up to +300 °C
Weight (gross)	approx. 0.7 kg
Order no.	61099

3 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.

Precise and fast control by Fuzzy-Logic-Technology, measuring range -50 °C up to +300 °C, accuracy +/- 1 °C, identification of probe breakdown and probe short circuit, safety- and control circuit according to DIN 12878 Class 1 and 2, display background illumination, LED indication for control status, IP 65, approx. 150 g, incl. clamp for support rod.

Compatible magnetic stirrer

hotMIX

Heatable stirrer, 1 stirring position

