

STIRRER FOR CELL CULTURES WITH INTERNAL CONTROL

Designed for careful and protective mixing of cell suspensions and culture broths, developed for highest demands as well as warming-free and uncompromising continuous operations.

bioMIX 1

Price-optimized maintenance-free magnetic stirrer with 1 stirring point, large surface, space saving, also suitable for viscous culture media.

- Price-optimized
- Space saving
- Germ-proof, easy to clean
- Outstanding long-life quality
- Developed and made in Germany



Type	bioMIX 1
Stirring points	1
Stirring volume/stirring point	5 - 5,000 ml
Speed range	5 - 250 rpm
Stirring power (max.)	6 W
Power setting	10-step (10 - 100%)
Material housing	Stainless steel
Permitted operation conditions	-10 °C up to +50 °C (at 80% humidity)
Electrical data	100-240 V / 50-60 Hz / 1.5 A
Dimensions (WxDxH)	180 x 230 x 38 mm
Protection category	IP64
Weight (gross)	4.0 kg
Order no.	85001

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.

Maintenance-free 2mag-stepper-motor-drive for extremely slow and 100% jerk-free and gentle mixing of cell cultures, extended speed range from 5 up to 250 rpm, jerk-free, even and smooth stirring also at slow speeds, power setting (10-step) for high power with regard to large and viscous stirring amounts and reduced power for the warming-free continuous operation.

Digital display for speed- and power setting, SoftStart for reliable and safe accelerating of stirring bar, QuickSet for quick setting of start- and maximum speed, saving of last working status when turning off, suitable for culture flasks with spinning propeller- and spinning ball systems.

Fully encapsulated and water resistant stainless steel housing, germ-proof, IP64, easy to clean and firm, robust construction and performance, ultra-flat design.

Hint

For using in incubators we recommend due to the minimized temperature emission the especially developed series bioMIXdrive.

STIRRING DRIVES FOR CELL CULTURES WITH EXTERNAL CONTROL UNIT

Designed for careful and protective mixing of cell suspensions and culture broths, developed for highest demands as well as warming-free and uncompromising continuous operations for e.g. in CO₂-incubators.

bioMIXdrive 1 / 2 / 3 / 4

Ultra flat, wear-free magnetic stirrer with large standing surface, up to 5,000 ml stirring volume, also suitable for viscous culture media.

- 🌀 Water- and germ-proof
- 🌀 Warming-free long term operation in CO₂-incubator
- 🌀 Outstanding long-life quality
- 🌀 Developed and made in Germany



Type	bioMIXdrive			
Stirring points	1	2	3	4
Stirring point distance	-	140 mm		
Stirring volume/stirring point	5 - 5,000 ml			
Speed range	5 - 250 rpm			
Stirring power/stirring point	5 W			
Material housing	Stainless steel			
Perm. operation conditions	-10 °C up to +50 °C (at 100% humidity)			
Perm. operation conditions	+50 °C submerged in water			
Operating voltage (max.)	48 VDC			
Dimensions (WxD, mm)	180 x 180	130 x 270	130 x 410	270 x 270
Dimensions (H, mm)	38			
Protection category	IP68			
Weight (gross), approx.	2.3 kg	2.5 kg	3.5 kg	4.7 kg
Order no.	80001	80002	80003	80004

Individual units and dimensions on request.
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.

Maintenance-free 2mag-stepper-motor-drive for extremely slow and 100% jerk-free and gentle mixing of cell cultures, extended speed range from 5 up to 250 rpm, jerk-free, even and smooth stirring also at slow speeds, suitable for culture flasks with spinning propeller- and spinning ball systems.

Fully encapsulated and hermetically closed stainless steel housing, IP68, water-, dust- and germ-proof, extremely robust construction and performance, easy to clean and maximum firm.

Submersible in water baths, designed for the warming-free long term operation in CO₂-incubators, individual measurements on request.

Interfaces 0-10 volts, calibrateable 4-20 mA for process control systems, RS232, USB, Ethernet, rotation monitoring and firmware adaptations on request.

Please order control unit separately!

Compatible control units

- bioMIXcontrol
- bioMIXcontrol S
- bioMIXcontrol 4MS (only for bioMIXdrive 1)

Accessories

- Extension cord for bioMIXdrive



MICROTITER PLATE STIRRERS

Designed for reliable mass screenings as well as chemical, biotechnical and medical applications of all kinds, developed for the hard daily lab use and uncompromising continuous operation.

MIXdrive 6 / 12 / 24 / 96 MTP

Ultra flat, wear-free magnetic stirrer with 6/12/24/96 stirring positions, suitable for microtiter plates.

- ⌘ Wear-free magnetic stirrer
- ⌘ Submersible, up to + 50 °C, integrable
- ⌘ Extremely robust construction
- ⌘ Developed und Made in Germany



Type MIXdrive	6 MTP	12 MTP	24 MTP	96 MTP
Stirring points	6	12	24	96
Stirring point distance	39 mm	26 mm	19 mm	9 mm
Stirring volume/stirring point (max.)	20 ml	7 ml	3,5 ml	0,5 ml
Stirring power	10 W			
Material housing	Stainless steel			
Permitted operation conditions	-10 up to +50 °C in air, up to +50 °C in water submerged			
Operating voltage	48 VDC			
Dimensions (WxDxH)	140 x 102 x 26 mm			
Protection category	IP68			
Weight (gross)	approx. 1.3 kg			
Order no.	43006	on request	43024	43096

Individualisierte Ausführungen und abweichende Gerätegrößen auf Anfrage.
3 Jahre Gewährleistung auf Material- und Fabrikationsfehler.
Technische Änderungen vorbehalten. Für Druck- und Schreibfehler keine Haftung.

All stirring positions 100% maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept for powerful mixing of solutions, 100% synchronized speeds, 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- resp. oil baths up to +50°C.

Suitable for the use in CO₂ incubators and ovens, removable centering pins, suitable for integration into robots, individual dimensions on request.

Please order control unit separately.

Compatible control units

- MIXcontrol eco
- MIXcontrol MTP



If undelivered please return to below address

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