

# 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 CO<sub>2</sub>-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 CO<sub>2</sub>-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 CO<sub>2</sub>-incubators, individual measurements on request.

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

**Please order control unit separately!**

Compatible control units

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

Accessories

Extension cord for bioMIXdrive