

# SINGLE POINT STIRRING DRIVES WITH EXTERNAL CONTROL UNIT

Designed for chemical, biotechnical and medical applications of all kinds, developed for maximum requirements, maximum mechanical, thermal and chemical stability as well as uncompromising continuous operation.

## MIXdrive 1

Ultra flat, wear-free magnetic stirrer with 1 stirring position, suitable for vessels up to 10,000 ml.

- Wear-free magnetic stirrer, up to +200 °C
- Submersible, up to +95 °C
- Extremely robust construction
- Integrable in systems
- Developed and made in Germany

*2mag*  
*magnetic motion*



| Type                               | MIXdrive 1                                        |
|------------------------------------|---------------------------------------------------|
| Stirring points                    | 1                                                 |
| Stirring volume/stirring point     | 1 - 10,000 ml                                     |
| Stirring power (max.)              | 20 W                                              |
| Material housing                   | Stainless steel                                   |
| Perm. operation conditions (Basic) | -10 °C up to +50 °C in air, up to +50 °C in water |
| Perm. operation conditions (HT)    | up to +200 °C in air, up to +95 °C in water       |
| Operating voltage (max.)           | 48 VDC                                            |
| Dimensions (WxDxH)                 | 180 x 180 x 38 mm                                 |
| Protection category                | IP68                                              |
| Weight (gross)                     | approx. 3.3 kg                                    |
| Order no. Basic-version            | 40001                                             |
| Order no. HT-version               | 40201                                             |

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.

1 stirring position, 100% maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept for powerful mixing of solutions, 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- or oil baths, suitable for the use in CO<sub>2</sub>-incubators and ovens.

Two different temperature areas available:  
**Basic-version** up to +50 °C, **HT-version** up to +95 °C  
submerged in water baths and up to +200 °C in ovens, individual dimensions on request.

**Please order control unit separately!**

### Compatible control units

- MIXcontrol eco
- MIXcontrol eco DINrail
- MIXcontrol 20
- MIXcontrol 40 (only in combination with distriBOX 4)

### Accessories

- ASTEROID 40 - Stirring bar
- Stirring bar remover PTFE
- Extension cord for MIXdrive
- distriBOX 4 - distributor

# CONTROL UNITS FOR MIXdrive STIRRING DRIVES

Designed for 2mag MIXdrive stirring drives. For chemical, biotechnical and medical applications of all kinds.



## MIXcontrol 20

Universal control unit for the connection of 1 stirring drive MIXdrive.

- 20 watts stirring power
- 4-step power setting
- Speed range 100 - 1,600 rpm
- Developed and made in Germany

*magnetic motion*



| Type                           | MIXcontrol 20                       |
|--------------------------------|-------------------------------------|
| Speed range                    | 100 - 1,600 rpm                     |
| Stirring power (max.)          | 20 W                                |
| Power setting                  | 4-step (25/50/75/100%)              |
| Material housing               | Stainless steel                     |
| Permitted operation conditions | 0 °C up to +40 °C (at 80% humidity) |
| Electrical data                | 100-240 V / 50-60 Hz / 1.5 A        |
| Dimensions (WxDxH)             | 200 x 155 x 38 mm                   |
| Protection category            | IP20                                |
| Weight (gross)                 | approx. 1.4 kg                      |
| Order no.                      | 90200                               |
| Order no. RS232                | 90210                               |

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.

Control unit with 20 watts stirring power, speed range from 100 up to 1,600 rpm, jerk-free stirring also at low speeds, power setting (4-steps) for high power with regard to large and viscous stirring amounts and reduced power for the warming-free continuous operation of MIXdrive stirring drives.

Clear digital display for speed- and power settings, SoftStart for reliable catching/centering and safe accelerating of the stirring bar. QuickSet for quick setting of start- and maximum speed, automatic memory function to save the last settings, resistant stainless steel housing, easy to clean.

Also available with RS232 interface.

Interfaces (0-10 volts, 4-20 mA, USB, Ethernet) and customized software adaption on request.

### Compatible stirring drives

- MIXdrive 1
- MIXdrive 1 eco (only in combination with distriBOX 4)
- MIXdrive 1 XS (only in combination with distriBOX 4)
- MIXdrive 6
- MIXdrive 15
- MIXdrive 60