

# INDUSTRIAL STIRRING SYSTEMS FOR HIGHLY VISCOUS MEDIA AND LARGE VOLUMES

Designed for chemical and biotechnical applications of all kinds as e.g. within the field of quality insurance and pilot plant stations, developed for highest demands, unbeaten strong, high stability as well as uncompromising continuous operation.



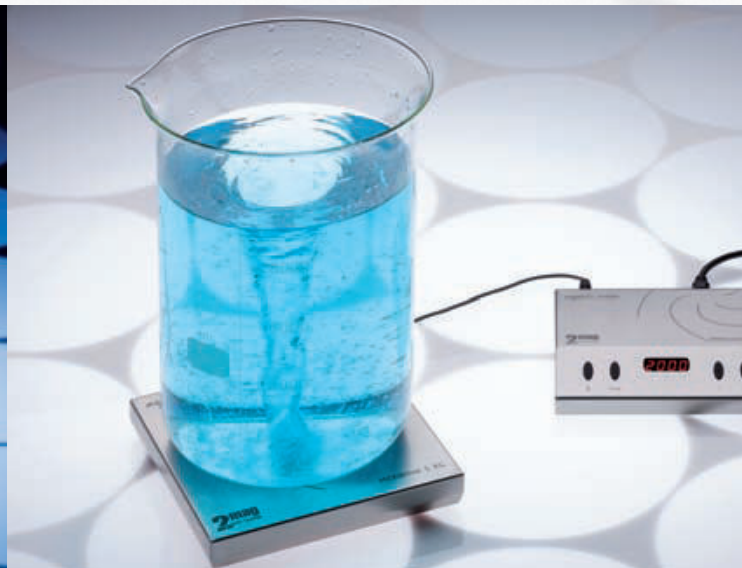
## MIXdrive 1 XL

Ultra flat, compact and strong magnetic stirrer, up to 40 litres stirring volume, also suitable for highly viscous media, temperature resistant up to +150°C.



## MIXcontrol XL

Powerful control unit for MIXdrive 1 XL stirring drives with 20 watts stirring power and mixWATCH stirring bar monitoring.



- 🌀 Temperature resistant up to 150°C
- 🌀 Up to 40 litres stirring volume
- 🌀 mixWATCH stirring bar monitoring
- 🌀 Outstanding long-life quality
- 🌀 Developed and made in Germany



Type	MIXdrive 1 XL	MIXcontrol XL
Stirring points	1	-
Stirring volume/stirring point	1 - 40 litres	-
Stirring power (max.)	-	20 W
Speed range	-	70 - 2,000 rpm
Acceleration	-	variable, 20/30/60/120 s
Interval	-	variable, 0 - 240 s
Material housing	Stainless steel	
Operating voltage (max.)	24 VDC	-
Electrical data	-	100-240 V / 50-60 Hz / 1.5 A
Permitted operation conditions	+5 °C up to +150°C (at 95% humidity)	0 °C up to +40°C (at 80% humidity)
Dimensions (WxDxH)	225 x 225 x 38 mm	200 x 175 x 48 mm
Protection category	IP66	IP20
Weight (gross)	approx. 3.4 kg	approx. 1.8 kg
Order no.	40601	90600

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-motor-drive with large speed range from 70 up to 2,000 rpm, IP66, temperature resistant up to +150°C, designed for use in ovens, extremely robust construction and performance, easy to clean and firm, very strong magnetic coupling by SmCo-magnets, therefore predestined for magnetic power transmission over wide distances or for thick vessel bottoms.

The stirring system MIXdrive 1 XL with the control unit MIXcontrol XL is equipped as standard with **mixWATCH**. (detailed description on page 39).

**Please order control unit separately!**

SoftStart-function (adjustable, 4-step), for reliable catching/ centering and safe accelerating of the stirring bar at different volumes and viscosities, adjustable interval times for automated restart of the stirrer after max. 240 seconds.

20 watts stirring power, speed range from 70 up to 2,000 rpm, power setting in 4 steps (25/50/75/100%). Digital display for speed- and interval setting, QuickSet for quick setting of start and maximum speed, QuickStop-function against after-run and glass breakage, storage of last function status when turning off. Equipped as standard with RS232 interface .

### Accessories

- ASTEROID 40 - Stirring bar
- SATELLITE 70 - beared siring bar
- Stirring bar remover PTFE

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

