

# 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.

## MAXdrive

Unbeaten strong magnetic stirrer with large set-up area, up to 250 litres stirring volume, also suitable for highly viscous media.

## MAXcontrol

Control unit for the connection of MAXdrive, powerful 60 watts stirring power, large speed range from 100 up to 1,200 rpm.

- 🌀 Up to 250 litres stirring volume
- 🌀 Stirring over wide distances
- 🌀 Ideal for highly viscous media
- 🌀 Outstanding long-life quality
- 🌀 Developed and made in Germany

magnetic motion



Type	MAXdrive	MAXcontrol
Stirring points	1	-
Stirring volume/stirring point	1 - 250 litres	-
Stirring power (max.)	-	60 W
Speed range	-	100 - 1,200 rpm
Acceleration	-	variable (20 - 99 s)
Material housing	Stainless steel	
Operating voltage (max.)	48 VDC	-
Electrical data	-	100-240 V / 50-60 Hz / 1.5 A
Permitted operation conditions	-10 °C up to +50°C (at 95% humidity)	0 °C up to +40°C (at 80% humidity)
Dimensions (WxDxH)	260 x 260 x 68 mm	200 x 175 x 48 mm
Protection category	IP64	IP20
Weight (gross)	approx. 9.0 kg	approx. 1.8 kg
Order no.	50001	94400

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.

Very strong magnetic coupling, therefore predestined for magnetic power transmission over wide distances (up to 60 mm), for thick vessel bottoms or for double-coat vessels, ideal for the integration into process engineering systems.

Maintenance-free 2mag-motor-drive with large speed range from 100 up to 1,200 rpm. Fully encapsulated and tight stainless steel housing, IP64, extremely robust construction and performance, easy to clean under running water and maximum firm. Individual measurements on request.

**Please order control unit separately!**

Variable SoftStart-function for reliable catching/centering and safe accelerating of the stirring bar at different volumes and viscosities. Digital display for speed- and SoftStart-setting (variable 20-99 seconds).

QuickSet for quick setting of the start-and maximum speed, QuickStop-function against after-run and glass breakage, storage of last function status when turning off, firm stainless steel housing, easy to clean.

Interfaces (0-10 volts, 4-20 mA, RS232, USB, Ethernet), customized software adaption and stirring bar monitoring on request.

## Accessories

- SATELLITE 140 - beared stirring bar for large volumes
- Stirring bar remover XL
- Extension cord for MAXdrive/FABdrive
- maxFRAME - Enlargement of surface area