

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.

FABdrive

Unbeaten strong magnetic stirrer with very compact housing dimensions, up to 1,000 litres stirring volume, also suitable for highly viscous media.



FABcontrol

Control unit for the connection of magnetic stirrer FABdrive, powerful 100 watts stirring power, large speed range from 80 up to 990 rpm.



- 🌀 Up to 1,000 litres stirring volume
- 🌀 Stirring over wide distances
- 🌀 Ideal for highly viscous media
- 🌀 Developed and made in Germany

Type	FABdrive	FABcontrol
Stirring volume/stirring point	1 - 1,000 litres	-
Speed range	-	80 - 990 rpm
Stirring power (max.)	-	100 W
Power setting	-	-
Acceleration	-	variable, 20 - 99 s
Buzzer, Tolerance	-	variable, 5 - 50 rpm
Material housing	stainless steel	
Perm. operation conditions	-10 °C up to +50 °C (at 95% humidity)	0 °C up to +40 °C (at 80% humidity)
Operating voltage (max.)	24 VDC	-
Electrical data	-	100-240 V / 50-60 Hz / 4.2 A
Dimensions (WxDxH)	180 x 180 x 75 mm	200 x 175 x 51 mm
Protection category	IP64	IP20
Weight (gross)	approx. 4.8 kg	approx. 2.0 kg
Order no.	50101	94402

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 150 mm), for thick vessel bottoms or for double-coat vessels, ideal for the integration into process engineering systems and industrial processing.

Maintenance-free 2mag-motor-drive with large speed range from 80 up to 990 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) and live speed, QuickSet for quick setting of the start-and maximum speed, QuickStop-function against after-run and glass breakage.

Beep-function at falling below set speed, storage of last function status when turning off, firm stainless steel housing, easy to clean.

Accessories

- ASTEROID 70 - Stirring bar
- SATELLITE 140 - Beared stirring bar for large volumes
- Stirring bar remover XL
- Extension cord for MAXdrive/FABdrive
- fabFRAME - Enlargement of surface area

Interfaces (0-10 V, 4-20 mA, RS232, USB, Ethernet, OPC UA, LADS oriented), other housings e.g. for DINrail installation and customized software adaption on request.