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MS-3000, High speed magnetic stirrer

Basic Plus
Product Class

DESCRIPTION

MS-3000 is compact magnetic stirrer with stainless steel working surface. Units provide stirring of liquids with rotation speed of magnetic element up to 3000 rpm. Currently it is the highest maximal speed for magnetic stirrers of global producers.

Strong magnets hold the driven magnetic element firmly in the magnetic clutch. Stirring is performed without undesirable heating and noise.

Enclosures of stirrer **MS-3000** are made of strong steel and painted with powder enamel, which is chemically resistant to acids and alkali.

The stirrers are supplied with a cylinder-shape magnetic stirring bar (6 × 25 mm) encapsulated in PTFE for universal use.

Magnetic stirrers are ideal laboratory instruments for PH-metering, extraction and dialysing with the small quantities of substances.

Operation temperature range +4°C to +40°C (from cold rooms to incubators) at maximal relative humidity 80%.



Special colors can be ordered on request.

SPECIFICATIONS

Speed control range	0-3000 RPM
Max. stirring volume (water)	5 litres
Max. length of magnetic stirring element (bar)	50 mm
Stirring liquid viscosity	up to 1170 mPa.s
Maximum continuous operation time	24 hrs
Operation in closed laboratory rooms	at ambient temperature from +4°C to +40°C
Working plate size	110×110 mm
Working surface material	Stainless steel
Overall dimensions (W×D×H)	120×150×65 mm
Weight	0.8 kg
Input current/power consumption	12 V, 220 mA / 2.6 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

CAT. NUMBER

BS-010301-AAF	230VAC 50/60Hz Euro plug
BS-010301-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010301-AK	IQ OQ document
BS-010301-BK	PQ document