

MS-3000 and MMS-3000, High Speed Magnetic Stirrers

MS-3000 and **MMS-3000** are compact magnetic stirrers with stainless steel working surface. Units provide stirring of liquids with rotation speed of magnetic element up to 3000 rpm. Up to date it is the highest value of the 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.

MMS-3000 is equipped with a detachable stand for supporting various sensor elements (temperature, pH and others) inside the stirred liquid.

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

Operation temperature range $+4^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ (from cold rooms to incubators) at maximal relative humidity 80%.

MS-3000



Catalogue number:

MS-3000	BS-010301-AAF
MMS-3000	BS-010305-AAF

MS-3000



*MMS-3000
with a stand*



MS-3000 and MMS-3000, High Speed Magnetic Stirrers

Specifications:	MS-3000	MMS-3000
Speed control range	0–3,000 rpm	
Stirring volume up to (H ₂ O)	5 litres	20 litres
Working surface material	Stainless steel	
SR-1, attachable stand size	—	Ø8 × 320 mm
Max. length of magnetic stirring element (bar)	50 mm	70 mm
Stirring liquid viscosity	up to 1,170 mPa.s	
Maximum continuous operation time	12 hrs	
Operation in closed laboratory rooms	at ambient temperature from +4°C to +40°C	
Working plate size	110 × 110 mm	Ø 160 mm
Overall dimensions (W × D × H)	120 × 150 × 65 mm	185 × 230 × 75 mm
Weight	0.8 kg	1.5 kg
Input current/power consumption	12 V, 220 mA / 2.6 W	12 V, 250 mA / 3 W
External power supply	Input AC 100–240 V, 50/60 Hz; Output DC 12 V	

MMS-3000



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