

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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