

MMS-3000, High speed magnetic stirrer



DESCRIPTION

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.

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



SPECIFICATIONS

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| Speed control range | 0-3000 RPM |
| Stirring volume up to (water) | 20 litres |
| Max. length of magnetic stirring element (bar) | 70 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 | Ø 160 mm |
| Working surface material | Stainless steel |
| SR-1, attachable stand size | Ø8 × 320 mm |
| Overall dimensions (W×D×H) | 185x230x75 mm |
| Weight | 1.5 kg |
| Input current/power consumption | 12 V, 250 mA / 3 W |
| External power supply | Input AC 100–240 V, 50/60 Hz; Output DC 12 V |

CAT. NUMBER

| | |
|----------------------|---|
| BS-010305-AAF | 230VAC 50/60Hz Euro plug |
| BS-010305-AAK | 230VAC 50/60Hz UK plug, 230VAC 50/60Hz AU plug, 100VAC 50/60Hz US plug, 120VAC 60Hz US plug |
| BS-010305-AK | IQ OQ document |
| BS-010305-BK | PQ document |

ACCESSORIES



HTP-1
BS-010309-FK
holder

HTP-1, holder for temperature
probe