

## MS-3000 and MMS-3000, Magnetic Stirrers

### DESCRIPTION

**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 3,000 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 stirrer is ideal laboratory instrument 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%.

MS-3000



### CATALOGUE NUMBER:

Cat. number

**MS-3000**

BS-010301-AAF

**MS-3000 blue** (on request)

BS-010301-ABF

**MMS-3000**

BS-010305-AAF

Optional accessories for MMS-3000:

**Holder for temperature probe**

BS-010309-FK



MMS-3000 with a stand

MS-3000



# MS-3000 and MMS-3000, Magnetic Stirrers

SPECIFICATIONS

	MS-3000	MMS-3000
Speed control range	0–3,000 rpm	
Stirring volume up to (H <sub>2</sub> 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 mPas	
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



External sensor installation

