

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

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

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 +5°C to +40°C (from cold rooms to incubators) at maximal relative humidity 80%.

Choice of two colours is available — blue (standard), white (on request).

**MS-3000**  
Standard colour



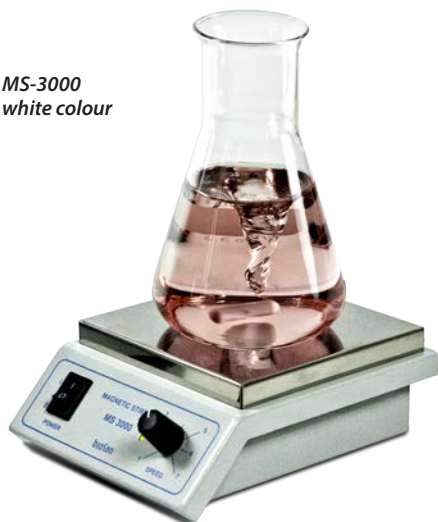
**MMS-3000**  
with a stand



## Catalogue number:

<b>MS-3000 blue</b>	BS-010301-ABF
<b>MS-3000 white</b>	BS-010301-AAF
<b>MMS-3000</b>	BS-010305-AAF

**MS-3000**  
white colour



## MS-3000 and MMS-3000, High speed magnetic stirrers

Specifications:	MS-3000	MMS-3000
Speed range	0-3000 rpm	
Stirring volume up to (H <sub>2</sub> O)	5 litres	<b>A</b> 20 litres
Plate's material	Stainless steel	
Stand height	—	320 mm
Max. length of magnetic stirring element (bar)	50 mm	70 mm
Stirring liquid viscosity	up to 1170 mPa.s	
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, not more	1.1 kg	1.5 kg
Input current/power consumption	12V, 220 mA / 2.6W	12V, 250 mA / 3W
External power supply	Input AC 100-240 V 50/60Hz; Output DC 12V	

MMS-3000



**A** Max. stirring volume 20 litres



MS-3000

