

# MS-3000, High speed magnetic stirrer

## DESCRIPTION

**MS-3000** is compact magnetic stirrer with stainless steel working surface. Units provide stirring of liquids with rotation speed of magnetic element up to 3000 rpm. Currently it is the highest 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.

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%.

Special colors can be ordered on request.

## SPECIFICATIONS

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| Speed control range                            | 0-3000 RPM                                   |
| Max. stirring volume (water)                   | 5 litres                                     |
| Max. length of magnetic stirring element (bar) | 50 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                             | 110×110 mm                                   |
| Working surface material                       | Stainless steel                              |
| Overall dimensions (W×D×H)                     | 120×150×65 mm                                |
| Weight                                         | 0.8 kg                                       |
| Input current/power consumption                | 12 V, 220 mA / 2.6 W                         |
| External power supply                          | Input AC 100–240 V; 50/60 Hz; Output DC 12 V |



## CAT. NUMBER

|               |                                                |
|---------------|------------------------------------------------|
| BS-010301-AAF | 230VAC 50/60Hz Euro plug                       |
| BS-010301-AAK | 100-240VAC 50/60Hz Multi plug (EU, UK, AU, US) |
| BS-010301-AK  | IQ OQ document                                 |
| BS-010301-BK  | PQ document                                    |