

## OPERATING INSTRUCTIONS

The best mixing action is achieved using a container with a flat base, using a container with an irregular base may result in the stirring bar moving off centre, effecting the mixing action.

### TO OPERATE

- ⇒ Set the mixer on a firm and flat surface.
- ⇒ Connect the power cord to a properly grounded 3 pin socket.
- ⇒ Place the container with the media to be mixed on top of the stirrer, approximately in the centre of the rubber mat.
- ⇒ Place a suitable stirring bar in the media
- ⇒ With the speed control on minimum press the power switch to on.
- ⇒ Adjust the speed control knob to achieve the desired mixing action.
- ⇒ It may be necessary to move the container slightly to centralise the stirring bar

**NOTE** - Speed control settings will vary depending on the viscosity of the media to be stirred and the type of stirring bar used.

The recommended length for the stirring bar is 70mm, some stirring bars (too long or too short) may be unsuitable.

## SPECIFICATIONS

Power requirements:	240v AC 40 watt
Motor:	12 volt DC
Speed control:	Solid state analogue control
Speed range:	300-1900 rpm variable
Drive:	Direct drive
Capacity:	Up to 20 Litre (depending on viscosity).
Stirring bar:	Recommended length 70mm (not supplied)
Operating conditions:	Temperature 0° to 45°c Humidity max 80% RH ( non condensing)

### MAINTENANCE

Regular cleaning is the only maintenance required.

### SERVICE

Should the unit fail to operate correctly, any service work should be carried out by a qualified technician.

Unauthorised tampering will invalidate the manufacturer's guarantee

## PRODUCT WARRANTY

Ratek equipment is covered by a 12 month parts and labour warranty effective from the date of purchase.

This warranty covers the repair or replacement of any parts or components found to be defective, subject to the service options listed below.

This warranty excludes any defect resulting from misuse, neglect, accidental damage, improper voltage, or any alteration which affects the performance of the equipment.

- Does not extend to any costs associated with delivery, damage, or loss incurred during transport.
- Is in addition to any Statutory regulations and provisions implied by the Trade Practices Act and any relevant State or Federal Government obligations.

For warranty service the following options are available:

- Contact the supplier from where the equipment was purchased to arrange for service.
- Return the equipment direct to Ratek Instruments, 60 Wadhurst Drive, Boronia, Vic 3155.

Warranty repairs not returned to Ratek can be undertaken by authorised service personnel but are limited to a parts only warranty.

**Note:** Proof of purchase is required for all warranty repairs.



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FOR

## MS10 MAGNETIC STIRRER



FOR ADDITIONAL INFORMATION / TECHNICAL SUPPORT

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