

OPERATING INSTRUCTIONS

- ⇒ Set the mixer on a firm and flat surface.
- ⇒ Connect the power cord to a properly grounded 3 pin socket.
- ⇒ Load the platform.
For low speed use the platform mat should be sufficient.
For faster speeds a suitable retaining rack (RR5) should be used.
- ⇒ Ensure that there are no obstructions to prevent the platform from moving.
- ⇒ With the speed control on minimum press the power switch to on.
- ⇒ Adjust the speed control knob to achieve the desired mixing action.

The mixer is fitted with a slow acceleration circuit to avoid spilling of samples.

A safety cut-out is fitted and will operate if the platform is obstructed or overloaded.

The following optional racks and clips are available from your Ratek dealer to suit various types of flasks, and tubes.

RR5 Universal rack

The RR5 rack has slotted channels with 4 stainless steel rubber covered bars. The bars can be moved horizontally enabling flasks, test tube racks etc. to be secured to the platform.

TCT5 Tulip clip tray

The TCT5 tray is suitable for holding tulip clips dedicated to conical flasks.

Tulip clips are available to suit flasks from 50ml to 2000ml.

The tray consists of a stainless steel platform with 4mm threaded inserts, and is made to fit within the EOM5 platform.

SPECIFICATIONS

Power requirements:	240v AC 100 watt
Motor:	Brushless AC
Speed control:	Solid state analogue control
Speed range:	20-200 rpm variable
Drive:	Belt & Pulley.
Platform:	350 x 350mm with Nitrile mat
Capacity:	Maximum 8kg (heavier loads will restrict the maximum speed)
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 the 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

EOM5 ORBITAL MIXER



FOR ADDITIONAL INFORMATION / TECHNICAL SUPPORT

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