

INTRODUCTION

Ratek controllers use a custom program securely contained as firmware in a single microprocessor.

User interface is via front panel mounted key switches and LED display. Program settings are maintained by a non-volatile RAM. System performance is monitored by a “watch dog” that resets the system if power is interrupted.

The mixer can operate continuously for long periods unattended.

Ensure that the load is properly secured and the counterbalance set before starting the mixer.

Do not run heavy loads at high speed.

The motor control circuit has a built in safety feature which is designed to protect the drive against abnormal conditions.

If the platform becomes jammed, or an excessive load is detected, drive to the motor will be cut.

To restore normal operation, remove the obstruction or excessive load, turn the power switch off, then on again.

NOTE: Incorrect adjustment of the counterbalance can also cause the cut out to operate.

SPECIFICATIONS

| | |
|----------------------|---|
| Power requirements: | 240 VAC/ 100 Watts |
| Control type: | Custom digital microprocessor |
| Drive system: | Brushless AC motor with optical feedback control |
| | The adjustable counterbalanced platform is supported by 11 heavy duty ball races. |
| Orbit diameter: | 25mm |
| Mixer control range: | 40-400 rpm with Tachometer display. |
| Timer: | 0-99 hours/minutes with 3 adjustable presets. |
| Mixer platform: | 700 X 530mm Max weight 15 kg's |
| Safety features: | Motion interrupt drive cut off |

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.



OPERATING INSTRUCTIONS

FOR

OM8 ORBITAL MIXER



FOR ADDITIONAL INFORMATION / TECHNICAL SUPPORT

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