



OM15C

Orbital Mixer Incubator

Heavy duty, large capacity mixer / incubator, with a 25mm diameter orbital action to suit a range of mixing and incubation applications. A built in recirculation system allows for cooled water from an external source to be used for temperature control at and below ambient. The Ratek [RC4](#) refrigerated cooler is most suitable for this purpose. The 600 x 450 mm platform is mounted on precision ball bearings and is driven by a new super quiet, adjustable, counterbalanced drive system, that allows the mixer to run continuously if required.



[Details / Specifications](#)

General

An all new custom microprocessor controls the drive system and is complete with digital tachometer and timer, to ensure reliable and repeatable procedures at any speed from 40 to 400rpm. Included are 3 user preset programs that can be set for speed and run time, making repeat procedures easy and accurate. Exclusive 'motion interrupt' feature removes power to the motor should the platform become obstructed.

Illumination is provided within the insulated stainless steel interior. Easy access is provided to the interior by a full width transparent door. Up to 12 x 1 litre or 8 x 2 litre flasks can be accommodated at one time.

Details

Ratek Product Code	OM15C
Description	Orbital Mixer Incubator with heat exchanger
Packaging Contents	OM15C mixer incubator, instruction guide

Specifications

Power requirements	240 VAC/900 watts
Capacity	600 x 450mm platform maximum capacity 15kg's
Mixer control	Microprocessor control with tachometer
Motor	Brushless ac
Speed range	40-400 rpm through an orbit diameter of 25mm
Heater	Fan assisted spiral wound element
Control range	Ambient -5°C to 75°C (depending on ambient temperature and that of the cooling medium)
Control stability	± 0.2°C
Timer	0-99 minutes or 0-99 hours with 3 presets
Safety features	Motion interrupt cutout, over temperature cutout, door open drive cutout
Overall dimensions	W750 x D650 x H652 mm

Features

- Holds up to 12 x 1 litre flasks
- Microprocessor controlled
- Re-circulation system for sub ambient temperature control
- 3 x user-preset programs
- 40-400rpm mixing control

Warranty period

1 Year

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