



OM25

Orbital Mixer Incubator

A heavy duty, large capacity mixer/incubator, with a 25mm diameter orbital action to suit a range of mixing and incubation applications. The 700 x 530 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. 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.



[Details / Specifications](#)

General

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 18 x 1 litre or 12 x 2 litre flasks can be accommodated at one time. Racks are available to suit most flasks and containers.

For incubation temperatures at or below ambient, the OM25 has a built in recirculation system that allows chilled water to be pumped through to cool the cabinet air.

Details

Ratek Product Code	OM25
Description	Orbital Mixer Incubator
Packaging Contents	OM25 mixer incubator, instruction guide

Specifications

Power requirements	240 VAC/900 watts
Capacity	700 x 530mm platform maximum capacity 15kg's
Mixer control	Microprocessor control with digital indication of speed, temperature and run time
Motor	Brushless ac
Speed range	40-400 rpm through an orbit diameter of 25mm
Heater	Fan assisted spiral wound element
Control range	Ambient + 7°C to 75°C (can control below ambient with external supply of cooled water)
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	W850 x D720 x H680 mm

Features

- Holds up to 18 x 1 litre flasks
- Microprocessor controlled
- Motion-interrupt safety cutout
- Built in circulation system for sub ambient temperature control
- 3 x user-preset programs
- 40-400rpm mixing control

Warranty period

1 Year

Download this page in PDF

[ratek-om25.pdf](#)