



# OM11

## Orbital Mixer Incubator

A bench top mixer/incubator incorporating a 400mm square mixing platform within a temperature controlled enclosure. 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.



[Details / Specifications](#)

### General

Exclusive 'motion interrupt' feature removes power to the motor should the platform become obstructed. All electronic control components and the drive system are mounted in the base unit. A separate compartment houses the heater/blower unit to prevent unnecessary heating of the electronics. The clear acrylic cover is hinged at the top to allow easy access to the cabinet, up to 5 x 2 litre flasks can be accommodated at one time. The cabinet is removable to allow full access for cleaning.

Racks are available to suit most flasks and containers.

### Details

<b>Ratek Product Code</b>	OM11
<b>Description</b>	Orbital Mixer / Incubator
<b>Packaging Contents</b>	OM11 Mixer/incubator, instruction guide

### Specifications

<b>Power requirements</b>	240vac/50hz/500 watts
<b>Capacity</b>	400 x 400 mm platform max. capacity 8kg's
<b>Mixer control</b>	Microprocessor control with digital speed and temperature indication
<b>Motor</b>	Brushless ac
<b>Speed range</b>	40-400 rpm through an orbit diameter of 20mm
<b>Heater</b>	Fan assisted with spiral wound element
<b>Control range</b>	28°C to 75°C.(min 6°C above ambient)
<b>Control stability</b>	± 0.2°C
<b>Timer</b>	0-99 minutes or 0-99 hours with 3 presets
<b>Safety features</b>	Motion interrupt cut out. Over temperature cut out
<b>Overall dimensions</b>	W470 x D625 x H490mm
<b>Weight</b>	34 kg

### Features

- Holds up to 5 x 2 litre flasks
- Microprocessor controlled
- Motion-interrupt safety cutout
- 3 x user-preset programs
- 40-400rpm

### Warranty period

1 Year

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