

# Thermomac

## Vortex Mixer

### TM SERIES

Thermomac TM3000V is a compactly designed Vortex Mixer ideal for gentle mixing to vigorous resuspension of cells and biological and chemical liquid components in tubes using an eccentric mechanism. It is suitable for both touch function and continuous operation and is widely used in life science, physical and chemical analysis fields.

### Characteristics:



- Wide speed range of 0-3000rpm
- Orbital diameter of 6mm
- Touch mode, timer mode and continuous mode are available
- Brushless DC motor and sturdy iron/aluminum casting base
- Low operation voltage(12V) for full protection
- Excellent mixing capability can make full 50ml containers mix within 3 seconds
- Perfect dynamic balance design can eliminate any movement in mixing
- Various applications with different interchangeable attachments
- Power supply is CE, cULus, CCC, SAA and FCC certified
- Two-years warranty

## Technical Specification:

Model	TM3000V
Operation mode	Continuous/touch operation
Type of movement	Orbital
Orbital diameter	6mm
Speed range	0-3000rpm
Speed display	Scale
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80%
Protection class according to DIN EN 60529	IP 21
Voltage	200 - 240 / 115 / 100 V compatible
Frequency	50/60 Hz
Power	36W
Motor rating input	30W
Motor rating output	15W
Dimensions (W x H x D)	107x146x166mm
Weight	3kg

## Accessories:

Part No.	Description
TM3000-31	Test Tube Attachment, 54 x Ø6mm, used with TM3000-14
TM3000-32	Test Tube Attachment, 18 x Ø10mm, used with TM3000-14
TM3000-33	Test Tube Attachment, 12 x Ø12mm, used with TM3000-14
TM3000-34	Test Tube Attachment, 8 x Ø16mm, used with TM3000-14
TM3000-35	Test Tube Attachment, 8 x Ø20mm, used with TM3000-14
TM3000-36	Microtiter plate attachment, used with TM3000-14
TM3000-14	Universal top plate
TM3000-37	Erlenmeyer flask attachment 100-250ml, used with TM3000-14
TM3000-13	Standard top