

Thermomac

Led Digital Vortex Mixer

TMD SERIES

Vortex Mixers are quite commonplace in bioscience laboratories. In cell culture and microbiology laboratories they may be used to suspend cells. In a biochemical or analytical laboratory they may be used to mix the reagents of an assay or to mix an experimental sample and a dilutant. TMD LED Digital Vortex Mixer is suitable for either short-time operation (touch function) or continuous operation and various attachments are available for different mixing applications.

Characteristics:



- Orbital diameter of 6mm
- Brushless motor and sturdy iron/aluminum casting base
- 3D digital wheel operation
- LED display for easy reading of time and speed
- Low operating voltage and low noise
- Wide speed range and stepless regulation
- Full containers of 50ml can be activated for mixing within 3 seconds
- Short-time operation (touch function) and continuous operation
- Excellent dynamic balance design can eliminate any movement in mixing
- Various applications with different interchangeable attachments
- Power supply has been CE, cULus, CCC, SAA and FCC certified
- 2 years warranty

Technical Specifications:

Model	TM3000D LED Digital Vortex Mixer
Operation mode	Continuous/touch operation
Type of movement	Orbital
Orbital diameter	6mm
Speed range	0-3000rpm
Speed display	LED Digital
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 Φ 6mm, used with TM3000-14
TM3000-32	Test Tube Attachment, 18 x Φ 10mm, used with TM3000-14
TM3000-33	Test Tube Attachment, 12 x Φ 12mm, used with TM3000-14
TM3000-34	Test Tube Attachment, 8 x Φ 16mm, used with TM3000-14
TM3000-35	Test Tube Attachment, 8 x Φ 20mm, 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