

TT-10/ TT-20/ TT-30 Orbital Shaker

HIGHLIGHTS

- Choice of orbit sizes: 10 mm, 20 mm and 30 mm
- LED display: Easy-to-read, independent LED display for time and speed
- Quiet operation: Stable & low noise
- Multiple interchangeable platform options
- Audible alarm: Alarm will sound when the time reaches zero

TT-10/TT-20/TT-30 Orbital Shaker is a compact orbital shaker intended for shaking samples in various types of containers such as flasks, bottles, petri dishes and other laboratory vessels via efficient orbital motion. This microprocessor controlled system with brushless motor enable silent operation and provides stable, smooth and uniform shaking speed.



APPLICATIONS

- Biotechnology and microbiology: For microorganism cultivation and extraction of biologically active substances
- Immunology and biochemistry: For agglutination and precipitation assay
- Gene engineering: For washing off electrophoretic gel
- Molecular and cell biology: for cultivation of biological liquids

OPTIONAL ACCESSORIES



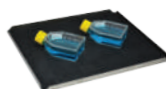
TT-UP-12



TT-P6-250



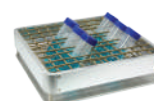
TT-P12-100



TT-PP4



TT-PP4A



TT-UP-260



TT-SPD-GS

TECHNICAL DATA

Specifications	TT-10 Orbital Shaker	TT-20 Orbital Shaker	TT-30 Orbital Shaker
Shaking action	Orbital	Orbital	Orbital
Speed range	50 - 350 rpm	50 - 300 rpm	50 - 250 rpm
Orbit diameter	10 mm	20 mm	30 mm
Digital time setting	1min – 99h 59min	1min – 99h 59min	1min – 99h 59min
Operating mode	Timer or continuous	Timer and continuous	Timer and continuous
Maximum load	2.5 kg	2.5 kg	2.0 kg
Voltage	AC 100-240V, 50-60Hz	AC 100-240V, 50-60Hz	AC 100-240V, 50-60Hz
Power	50W	50W	50W
Fuse	250V, 1A, Ø5x20	250V, 1A, Ø5x20	250V, 1A, Ø5x20
Dimension (W x D x H)	284 x 264 x 108 mm	284 x 264 x 108 mm	284 x 264 x 108 mm
Net weight	5.6 kg	5.6 kg	5.6 kg
Permissible ambient temperature	4 - 45°C	4 - 45°C	4 - 45°C
Permissible relative humidity	≤70%	≤70%	≤70%

ORDERING INFORMATION

Cat. No.	TT-10/20/30 Orbital Shaker
TT-10	Programmable Orbital Shaker TT-10, 50-350 rpm, 10 mm, AC 100-240V
TT-20	Programmable Orbital Shaker TT-20, 50-300 rpm, 20 mm, AC 100-240V
TT-30	Programmable Orbital Shaker TT-30, 50-250 rpm, 30 mm, AC 100-240V

OPTIONAL ACCESSORIES

Cat. No.	Platforms for Orbital Shaker
TT-UP-12	Universal platform with adjustable bars
TT-P6-250	Platform with clamps for 250 - 300 ml flask
TT-P12-100	Platform with clamps for for 100 - 150 ml flask
TT-PP4	Flat platform with non-slip rubber mat
TT-PP4A	Two-level flat platform with non-slip rubber mat
TT-UP-260	Universal platform with springs
TT-SPD-GS	Sticky pad for TT-PP4 or TT-PP4A