Product Specifications

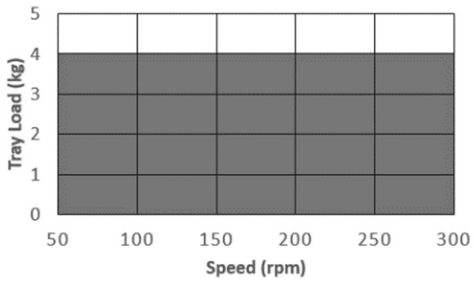
Mini Shaker 20



Environmentally Preferable	Waste Reducing	
Motion	Orbital	
Orbit	20mm	
Display	75 x 20mm White Character LCD	
Weight Capacity	4kg	
Flask Clamp/ Tube Rack Capacity	**Standard Tray** 7 x 10 mL Flasks 6 x 125 mL Flasks 6 x 250 mL Flasks 4 x 500 mL Flasks 2 x Tube Racks	**Universal Tray** 39 x 10 mL Flasks 12 x 125 mL Flasks 8 x 250 mL Flasks 6 x 500 mL Flasks 3 x 1 L Flasks*** 2 x Tube Racks
Speed	50 – 300 RPM	
Speed Increments	1 RPM	
Speed Accuracy**	Above 100 rpm ± 2% of set speed, below 100 rpm ± 2 rpm	
Overall Dimensions (L x W x H)	43,2 x 26,2 x 11,9 cm	
Tray/ Platform Dimensions	30 x 22,2 cm	
Tray Construction	Aluminum tray with 11 mounting points for accessories. Non-slip rubber mat included	
Tray/ Platform Options	Universal Platform & Adjustable Platform	
Timer	Up to 99 hours 59 minutes	
Recall Feature	Retrieve last 5 recently used settings	
Data Logging & Remote Control	Built in RS232	
Audible Alarm	Yes	
Overload Protection	Yes	
Ingress Protection	IP21	
Operating Temperature Range	-10 °C to 40 °C, 80% RH, non-condensing	
Altitude	2000m	
Motor Type	Brushless DC Motor	
CO_2 Environment	Yes	
Safety Certification	CE Marked and TÜV SÜD listed	
Electrical	24VDC/ 1,25A	
Net Weight	8,5 kg	

**Conditions permitting. Variations in measurement process, vessel(s), and sample(s) will impact actual performance.

***Universal Platform 444-1425 required to mount 3 x 1 L flasks capacity. Note: 3 x1L flask without clamps are compatible with rubber mat.

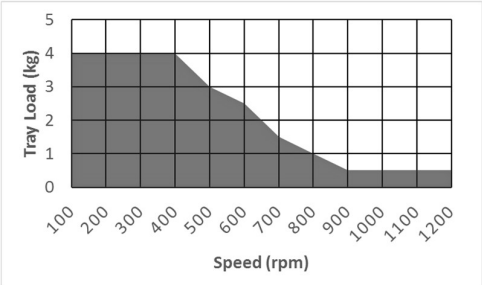


Mini Shaker



Environmentally Preferable	Waste Reducing	
Motion	Orbital	
Orbit	3mm	
Display	75 x 20 mm White Character LCD	
Weight Capacity	4 kg	
Flask Clamp/ Tube Rack Capacity	**Standard Tray** 7 x 10 mL flasks 6 x 125 ml flasks 6 x 250 ml flasks 4 x 500 ml flasks 2 x tube racks	**Universal Platform** 39 x 10 mL flasks 12 x 125 ml flasks 8 x 250 ml flasks 6 x 500 ml flasks 3 x 1 L flasks*** 2 x Test tube racks
Speed	100 -1200 RPM	
Speed Increments	1 RPM	
Speed Accuracy**	Above 100 rpm ± 2% of set speed	
Overall Dimensions (L x W x H)	43,2 x 26,2 x 11,9 cm	
Tray/ Platform Dimensions	30 x 22,2 cm	
Tray Construction	Aluminum tray with 11 mounting points for accessories. Non-slip rubber mat included	
Tray/ Platform Options	Universal Platform & Adjustable Platform	
Timer	Up to 99 hours and 59 minutes	
Recall Feature	Retrieve last 5 recently used settings	
Data Logging & Remote Control	Built in RS232	
Audible Alarm	Yes	
Overload Protection	Yes	
Ingress Protection	IP21	
Operating Temperature Range	-10 °C to 40 °C 80% RH, non-condensing	
Altitude	2000 m	
Motor Type	Brushless DC Motor	
CO_2 Environment	Yes	
Safety Certification	CE Marked and TÜV SÜD listed	
Electrical	24VDC / 1,25A	
Net Weight	8,5 kg	

**Conditions permitting. Variations in measurement process, vessel(s), and sample(s) will impact actual performance.
***Universal Platform 444-1425 required to mount 3 x 1 L flasks capacity. Note: 3 x1L flask without clamps are compatible with rubber mat.



Microplate Shaker



Environmentally Preferable	Waste Reducing
Motion	Orbital
Orbit	3mm
Display	75 x 20 mm White Character LCD
Weight Capacity	1kg
Volume Capacity	4 x Microplates 2 x Microtube Racks 4 x Deep well Plates
Speed	100 -1200 RPM*
Speed Increments	1 RPM
Speed Accuracy**	Above 100 rpm ± 2% of set speed
Overall Dimensions	43,2 x 26,2 x 11,9 cm
Tray/ Platform Dimensions	28 x 19,7 cm
Tray Construction	Aluminum tray with hardware to secure Microplates and Deep well plates
Timer	Up to 99 hours 59 minutes
Recall Feature	Retrieve last 5 recently used settings
Data Logging & Remote Control	Built in RS232
Audible Alarm	Yes
Overload Protection	Yes
Ingress Protection	IP21
Operating Temperature Range	-10 °C to 40 °C, 80% RH, non-condensing
Altitude	2000 m
Motor Type	Brushless DC Motor
CO_2 Environment	Yes
Safety Certification	CE Marked and TÜV SÜD listed
Electrical	24VDC / 1,25A
Net Weight	8,5 kg

*Microplates and deep well plates are available with a variety of skirt styles. Depending on the skirt style the maximum speed may need to be reduced.
**Conditions permitting. Variations in measurement process, vessel(s), and sample(s) will impact actual performance.

