



BENCH-TOP SHAKER

Orbitron

A true workhorse

The extraordinarily stable, splash-proof Orbitron is suitable both for daily operations in the lab and for use in climate-controlled rooms.

Up to 31 kg loading capacity

The Orbitron is the powerhouse of bench-top shakers and can be loaded with up to 31 kg of materials. Select from two different tray sizes. The clever quick-lock system lets you change trays in no time.

Lab or climate-controlled room? Both!

The Orbitron is a splash-proof shaker that is exceptionally well-suited both for daily operations in the lab and for use in climate-controlled areas.

Penta-Drive

The patented, high-performance Penta-Drive unit is at the heart of many INFORS HT shakers. The highlight of the drive is its ingenious dynamic mass-balancing system, which ensures whisper-quiet, vibration-free operation.



Shake flask sizes
25 mL – 5000 mL



Suitable for
Bacteria, algae and cell cultures



High-performance
Penta-Drive



Compatibility
With the INFORS HT M- and N-trays, clamps, test tube holders, microtitre plates and Sticky Stuff.

Features & Accessories

Housing

- Rounded edges make it easy to clean

Drive

- Patented Penta drive with dynamic balancing
- Quiet and vibration-free
- Precise shaking speed control
- Watertight

Operating unit

- Splash-proof display (IP43)
- Displays shaking speed and time
- Integrated timer

Accessories

- Autoclavable trays made of corrosion resistant, anodized aluminium
- Sticky Stuff adhesive mats for a reliable fixation
- Stainless steel clamps for Erlenmeyer and Fernbach flasks
- Holders for test tubes or Falcon tubes

Technical data

Dimensions (W x D x H)	640 mm x 600 mm x 150 mm
Number of batches	197
Volume	21 l
Maximum load	31 kg
Rotation speed	20–550 min ⁻¹
Shaking throw	25 mm
Temperature	4 °C bis 65 °C
Standard parameters	Rotation speed, timer
Power supply	115/230 V ± 10 %, 50–60 Hz

Tray capacity

Shake flask size	M tray (850 mm x 470 mm)	N tray (480 mm x 420 mm)
25 mL	197	105
50 mL	131	69
100 mL	91	46
250 mL	48	25
500 mL	31	15
1000 mL	19	10
2000 mL	13	6
3000 mL	9	
4000 mL	8	
5000 mL	6	



«A simple shaker that shines for its reliable continuous operation, even with high loads.»

Damian von Blarer –
Area Sales Manager



Contact us for a personal consultation.

www.infors-ht.com/en/orbitron