

Minitron

The stackable incubator shaker with magnetic drive

- ▶ Mag-Drive
- ▶ Comfortable Operation
- ▶ Flexible
- ▶ Hidden Capacity
- ▶ Gradient Free
- ▶ Protected against flask breakage
- ▶ Highly Qualified
- ▶ Stackable



Compact & Sophisticated

▶ Mag-Drive

This is a drive mechanism which uses magnets rather than a motor to drive the shaker platform and so provides the ultimate in silent, reliable operation without a drive belt. Therefore, it's ideal for cleanroom applications.

▶ Comfortable Operation

The standard version has the parameters temperature, speed, timer, automatic re-start and also a pull-out tray.

▶ Flexible

Minitron can accommodate lights, CO₂ and humidity control and a host of special options such as darkening in addition to the standard parameters for an incubator shaker.

▶ Hidden Capacity

The small footprint of the Minitron hides a large chamber capacity with the ability to accept flasks up to 5L.

▶ Gradient-free

Even temperature distribution over the whole shaking tray is vital for reliable, reproducible results.

▶ Protected against flask breakage

The housing acts like a reservoir to catch spilled fluid, which can then be drained away via a port at the rear of the unit.

▶ Highly Qualified

Minitron is ideal for areas where the environment must be kept free of contamination particles (no drive belt) and can be qualified as part of a full process validation.

▶ Stackable

Up to 2 units can be stacked together with a simple fixing system for double the capacity from a given footprint.



Loading Capacity Accessories & Options

Size of flask	Quantity	Accessories & Options
50	67	<ul style="list-style-type: none"> • Table clamps, test tube holders etc. • Cooling • Daylight and Photosynthesis lights • Humidification • CO₂ Gassing • Gassing nozzle • Various sorts of matting • Shelf for static incubation of eg. Petri dishes
100	44	
250	24	
500	15	
1000	8	
2000	6	
5000	3	

Technical Data

Shaker Speed	20–400 RPM
Throw	∅ 25 or 50 mm
Accuracy	± 1% of maximum speed
Temperature range	5 °C above RT to 60 °C
– with cooling	Approx. 15 °C under RT
Temperature resolution	0.1 °C at the pt-100
Temperature accuracy	± 0.2 °C
Weight without cooling	ca. 75 kg
Dimensions W x D x BH	80 x 67 x 73 cm
– 2-Deck stacked	80 x 67 x 158 cm
Interface	RS232, bi-directional
Power supply	115/230 V ± 10%, 50/60Hz

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