

Bioshake IQ Heating Shaker



Thermoshaker for multiple applications.
For microplates, microtubes, glass tubes (see accessories).

- ▶ For stirring and mixing up to 3000 rpm
- ▶ Fast, high-precision heating of the room temperature to 99 °C
- ▶ Reproducible results, because of defined parameters
- ▶ Stirring control, anti-splash technology
- ▶ Two programming keys
- ▶ Compact, light and quiet
- ▶ Particularly convenient for shaking in 384-well plates
- ▶ Continuous mode
- ▶ Audible alarm

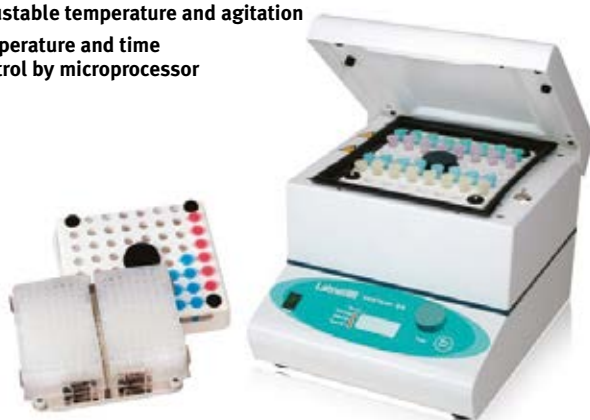
Adapters

Cat. No.	Adapter for	€
181001	Flat bottom microplate	N/A -
181002	Universal microplate for round bottom microplates	N/A -
181003	96-well PCR microplate	N/A -
181004	384-well PCR microplate	N/A -
181005	Tubes 24 x 2 ml or 15 x 0.5 ml	N/A -
181006	Tubes 24 x 1.5 ml or 15 x 0.5 ml	N/A -
181007	Tubes 40 x 0.5 ml or 28 x 0.2 ml	N/A -
181008	Tubes 96 x 0.2 ml	N/A -
181009	Glass tubes 30 x 2 ml	N/A -
181010	Tubes 20 x 4 ml	N/A -

T° Range / Setting / increment	Ambient to 99 °C / From 0 °C to 99 °C / 0.1 °C
T° accuracy	± 0.5 °C to 45 °C / ± 0.7 °C to 75 °C / ± 1 °C to 95 °C
T° rise	7 °C / min (10 min. from ambient to 95 °C)
Shaking	From 200 to 3 000 rpm (microplates) / from 200 to 1 800 rpm (tubes, glass tubes), in increments of 50 rpm
Stirring orbit	2 mm
Timer	1 min - 99 h / automatic stop
Material	Anodised aluminium
Operating temperature	+5 °C to 45 °C (max. 80% relative humidity)
Dimensions (L x W x H)	142 x 170 x 80 mm
Weight	2.7 kg
Cat. No.	181000
€	N/A -

VORTEMP 56 Shaking Incubator

- ▶ For microtubes
- ▶ For simultaneous shaking and heating of small samples
- ▶ Delivered with interchangeable platform
- ▶ Adjustable temperature and agitation
- ▶ Temperature and time control by microprocessor



Model	VORTEMP 56
Gamme de température	Ambient +5 °C to 99 °C
Accuracy	+/- 0.5 °C
Speed	100 - 1500 rpm
Orbit movement	Circular 3 mm
Timer	1 to 999 minutes or continuo
Capacity	56 microtubes 1.5 or 2 ml 4 microplates, 2 deepwells
Ext. dimension (L x D x H)	230 x 310 x 230 mm
Cat. No.	096510
€	N/A -

Accessories for VORTEMP 56

Cat. No.	Description	€
096532	Individual adaptor for 0.5 ml microtubes (6 units)	N/A -
096534	Individual adaptor for 0.2 ml microtubes (6 units)	N/A -

Grant-Bio PHMT thermoshaker for microtubes



T° range (°C)	amb. +5 to 100
Stability (°C)	+/- 0.1
Uniformity (°C)	+/- 0.2
Speed (rpm)	250 to 1400
Speed resolution	10 rpm
Orbit (mm)	2
Timer	1 min to 96 h
Timer resolution	1 mn
Ambient t° rise to 37°	5 min
Ambient t° range (°C)	4 to 40
L x D x H ext. (mm)	205 x 230 x 130
Voltage input (V)	12

Three instruments in one:

- A thermoshaker;
- A benchtop incubator;
- A microtube shaker in cold temperatures

For simultaneous shaking and heating of 2 ml, 1.5 ml or 0.5 ml microtubes:

- for 24 x 2 ml microtubes;
- for 24 x 1.5 ml microtubes;
- For 20 x 0.5 ml microtubes and 12 x 1.5 / 2 ml microtubes;
- or for 1 x 96-well plate / 0.2 ml tubes.

Shaker supplied with or without block.

The Cat. No. 144223 is to be completed with a block.

Accessories

Cat. No.	Description	€
144228	Block for 20 microtubes 0.5 ml or 12 microtubes 1.5 / 2 ml	N/A -
144769	Block for 24 microtubes 2 ml	N/A -
144601C	Block for 24 microtubes 1.5 ml	N/A -
144846	Block for 96-well plate	N/A -

Cat. No.	Description	€
144223	Thermoshaker without block	N/A -
144599	Thermoshaker with block for 20 x 0.5 tubes and 12 x 1.5 ml tubes	N/A -
144919	Thermoshaker with block for 24 x 2 ml microtubes	N/A -
144600C	Thermoshaker with block for 24 x 1.5 ml microtubes	N/A -
144845	Thermoshaker with block for 96-well plate	N/A -