

Grant-Bio Thermoshakers for Microplates

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Offering excellent temperature uniformity across the platform/microplate, variable speed and variable temperature. Can be used with all types of standard depth microplates and offers three instruments in one: a microplate thermo-shaker, a compact bench top incubator without shaking and a microplate shaker in cold or ambient temperatures.

- Temperature uniformity $\pm 0.2^{\circ}\text{C}$ (platform and lid), stability: 0.1°C
- Shaking speed: 250 to 1200RPM with an orbit of 2mm
- Continuous or timed operation, with alarm buzzer and automatic switch-off facility
- Heated lid completely covers the flat heating plate to provide bi-directional heating and excellent temperature stability and uniformity, whilst preventing condensation
- Combination of bi-directional heating and powerful orbital shaking capability produces the maximum yield from incubations
- Very easy to operate, with simple set-up of temperature, shaking speed and time via push buttons and the 2-line LCD status display
- Suitable for 96 or 384 well microplates



Code	Alt Ref	Capacity	Temp Range, $^{\circ}\text{C}$	Temp Control Range, $^{\circ}\text{C}$	Heat Up Speed	Dims, w x d x h, mm	Price
SHA7900	PHMP	2 microplates	25 to 60	Ambient +5 to 60	25 to 37°C : 12 mins, 25 to 60°C : 35 mins	265 x 250 x 125	£1364.00
SHA7980	PHMP-4 UK	4 microplates	25 to 60	Ambient +5 to 60	25 to 37°C : 12 mins, 25 to 60°C : 35 mins	380 x 390 x 140	£1752.00
SHA4466	PHMP-100	2 microplates	25 to 100	Ambient +5 to 100	25 to 100°C : 60 mins	270 x 260 x 125	£1694.00

Benchmark MultiTherm™ Shakers

Benchmark
Scientific

A temperature controlled vortexer, useful for a variety of molecular biology applications. Despite its modest footprint, all popular tubes and plates are compatible, including as many as 6 x 50mL tubes. Speed, time and temperature settings are continuously visible on the LCD, simultaneously showing both actual and selected values. Integral over-temperature control ensures long life, safety and sample integrity.

- Temperature control from 0 to 100°C , in 0.1°C increments
- Heating rate $5^{\circ}\text{C}/\text{sec}$
- Variable speed in 10RPM increments
- Orbit 3mm
- 1min to 99hr timer
- Exchangeable blocks, for tube sizes 0.2 to 50mL
- Precision contoured wells for uniform thermal transfer
- Sequence link function for linking or repeating programs (HC model only)
- Dims, w x d x h: 210 x 290 x 210mm
- Blocks sold separately



Code	Alt Ref	Description	Temp Range, $^{\circ}\text{C}$	Cooling Rate, $^{\circ}\text{C}/\text{sec}$	Price
MIX7200	H5000-H-E	MultiTherm™ shaker with heating	5 to 100	—	£2223.00
MIX7198	H5000-HC-E	MultiTherm™ shaker with heating and cooling	-20 to 100	2.5	£2921.00

KEY

Throughout the catalogue the following symbols are used:



New product



Service and repairs available



Calibration service available



Made in Britain



Sustainable features



Autoclavable



No. years warranty



No. years warranty can be extended



Lifetime warranty