



**MULTI-THERM™**  
COOL - HEAT - SHAKE

- + Temperature control from 0° to 100 °C
- + Exchangeable blocks, for tube sizes 0.2 ml to 50 ml
- + Precision contoured wells for uniform thermal transfer
- + Two models: Heat/Cool or Heat only
- + Sequence link function for linking or repeating programs (HC model only)

Despite its modest footprint, the MultiTherm accommodates all common laboratory tubes and plates, including as many as 6x50ml tubes. Speed, temperature and time are set digitally and current as well as set values are continuously shown on the LCD. A heat only model, as well as a heat and cool model are available. The HC model includes a sequence link function for linking together temperature profiles. An integral over-temperature control ensures long life, safety and sample integrity. Blocks are sold separately.

The MultiTherm™ shaker is a temperature controlled vortexer, useful for a variety of molecular biology applications, including:

- Denaturation of DNA, RNA & proteins
- Lipid extractions
- Yeast and bacteria cultivation
- Restriction digests
- Reverse transcription
- DNA/plasmid isolation
- Gentle thawing of biological materials

## Technical Data:

Temp. Range (HC):	<b>Ambient -20° to 100 °C</b>
Temp. Range (H):	<b>Ambient +5° to 100 °C</b>
Heating Ramp Rate:	<b>5.0 °C / min.</b>
Cooling Ramp Rate:	<b>2.5 °C / min. (HC only)</b>
Temp. Accuracy:	<b>± 1.0 °C</b>
Speed Range:	<b>200 to 1500 rpm, or "off"</b>
Motion / Orbit:	<b>Orbital / 3 mm</b>
Capacity:	<b>Per selected block</b>
Dimensions: (W x D x H)	<b>21 x 29 x 21 cm</b>
Weight:	<b>8 kg</b>
Electrical:	<b>230V, 50-60Hz, 500W</b>
Warranty:	<b>2 Years</b>

## Ordering Information:

Item No.	Description:
55H5000-HC-E	MultiTherm Shaker with heating and cooling
55H5000-H-E	MultiTherm Shaker with heating only
55H5000-02	Block, 96 x 0.2 ml or 1 PCR plate
55H5000-05	Block, 54 x 0.5 ml
55H5000-CMB	Block, combination, 15 x 0.5 ml & 20 x 1.5 ml
55H5000-15	Block, 35 x 1.5 ml
55H5000-20	Block, 35 x 2.0 ml
55H5000-12	Block 24 x 12 mm (200-1200 rpm / Amb.-10° to 100 °C)
55H5000-150	Block, 12 x 15 ml (200-750 rpm / Amb.-10° to 100 °C)
55H5000-500	Block, 6 x 50 ml (200-750 rpm / Amb.-10° to 100 °C)
55H5000-MP	Block, 1 x microplate (Amb. -10 to 60 °C)
55H5000-1232	Block, 24 x 2 ml HPLC / Autosampler vials (12 x 32 mm)
55H5000-5MT	Block, 12 x 5 ml centrifuge tubes (conical)
55H5000-DWMP	Block, 1 x deep well microplate (max. height, 54 mm)
55H5000-CU	Block, custom drilled, for tubes/vials up to 40 mm tall
55H5000-WB	Block, for liquids, beads, etc. (chamber: 10.2 x 6.6 x 2.5 cm)