BenchMate™
Cooling/Heating Thermo Mixer

The BenchMate™ Cooling Thermal Mixer is a temperature controlled vortexer, designed for a variety of molecular biology applications that require consistent and precise results. With heating, cooling, and shaking capabilities, the BenchMate™ Cooling Thermal Mixer uses interchangeable blocks to accommodate a wide variety of tubes and microplate. Speed, time and temperature settings are continuously visible on the LCD, simultaneously showing both actual and selected values.

Features :

- Exchangeable blocks, for tube sizes 0.2 to 50ml
- Programmable heating, cooling, and mixing sequences
- Sequence link function for linking programs
- Precision contoured wells for uniform thermal transfer
- Digital microprocessor control
- Maintenance free brushless motor
- Integral over-temperature control ensures long life, safety and sample integrity
- Built-in temperature calibration function
- Equipped with a pulse mode feature for quick vortex applications
- Auto re-start in case of power failure

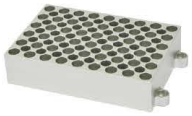
BMTM-CL-96

Specifications :

Speed Range:	300 ~ 1,500 rpm	Heating Rate:	≥ 5.5°C/min.
Orbit:	3mm (horizontally circular)	Cooling Rate:	Above ambient : ≥ 7°C/min. Below ambient : ≥ 1.2°C/min.
Temp. Range:	20°C below ambient to 100°C		
Lowest Temp. Set Point :	0°C	Capacity:	Per Selected Block
Temp. Increment:	0.1°C	Dimensions:	20 x 27 x 17 cm
Temp. Accuracy:	≤ ±0.3°C	Weight:	8.8kg
Timer:	1 min. to 99 hours 59min. / pulse	Electrical:	AC 110-230V, 50-60Hz, 200W
Speed Increment:	1 rpm		

Thermal Blocks :

BCTM-96-02



BCTM-96-05

BCTM-96-15

BCTM-96-20

BCTM-96-CMB

BCTM-96-12

BCTM-96-150

BCTM-96-500

Item No.	Type	Dimensions
BCTM-96-02	Block, 96 x 0.2ml or 1 x PCR plate	107 x 71 x 20mm
BCTM-96-05	Block, 54 x 0.5ml	107 x 71 x 25mm
BCTM-96-15	Block,35 x 1.5ml	107 x 71 x 32mm
BCTM-96-20	Block, 35 x 2.0ml	107 x 71 x 32mm
BCTM-96-CMB	Block, combination, 20x0.5ml + 15 x 1.5ml	107 x 71 x 32mm
BCTM-96-12	Block, 24 x dia.≤ 12mm	107 x 71 x 32mm
BCTM-96-150	Block, 12 x 15ml (Max speed: 600 rpm)	107 x 71 x 100mm
BCTM-96-500	Block, 6 x 50ml (Max. Speed: 600 rpm)	107 x 71 x 100mm