

BenchMate™ Thermomixer

Adopting microcomputer control and the peltier technique, BenchMate is a cooling & heating dry bath with multiple functions such as cooling, heating, timing, mixing and etc. Incubator, mixer and thermomixer, all in one ! An assortment of 3 exchangeable thermo mixing blocks, which can be easily and quickly exchanged, offers individual customizations to your laboratory requirements.



Feature

- Interval Mix : continuously switching between mixing and rest phase, with freely selectable mixing frequency and duration
- Short Mix : enables brief, uncomplicated mixing of sample material
- Program Mode : three programmable mixing ; thermo mixing ; temperature control runs
- Large temperature range and wide range of applications

Specifications

Cat. No.	IBMTM
Temp. Control Range	From approx. 18°C below RT to 105 °C
Lowest set point	0 °C
Time Range	1 min. to 9 hr. 59 min.
Mixing Speed	300 rpm -1500 rpm
Mixing Amplitude	3mm (horizontally)
Temp. Control accuracy (@25°C ~100°C)	<±0.5 °C
Display Accuracy	0.1 °C
Block temp. Accuracy	<±1 °C
Temp. Uniformity (@100°C)	<±0.5 °C
Heating Time (from 25 °C to 100 °C)	< 10 min (fastest 15°C/min.)
Cooling Time	< 8 min (from 100°C to 25 °C) < 3min (from 25°C to 10 °C)
Exchangeable Block	0.2ml x 96 ; 0.5ml x 54 ; 1.5ml x 40
Dimensions (L x W x H)	35 x 25 x 15 cm
Weight	8.5 kg
Power supply	AC90~250V 50/60Hz 300W

Blocks

40 x 1.5ml



54 x 0.5ml



96 x 0.2ml

