

The Thermo Mix series allow for precise and efficient heating and mixing, as well as excellent temperature accuracy and uniformity, offering a wide range of applications, such as gene synthesis, gene purification, gene and protein denaturation, enzymatic reaction, bacterial growth, etc.



Thermo Mix

## HCM100-Pro & HM100-Pro Thermo Mix

### Features

- Clear and easy-to-read TFT screen.
- Excellent mixing results for temperature controlled mixing applications.
- Program storage capacity is up to 9 programs and can be set during operation.
- A wide range of tube holding blocks to accommodate tubes with different capacities.
- Aluminum made adapters enhance good heat transfer.
- Maximum heating temperature is up to 100°C.

### Specifications

	HCM100-Pro	HM100-Pro
Functions	Heating, cooling & mixing	Heating & mixing
Temperature range	Heating: room temp. - 100°C Cooling: room temp. - below room temp. 15°C	Heating: room temp. - 100 °C
Temperature control accuracy[@ 20–45°C]	± 0.5°C	± 0.5°C
Temperature uniformity[@ 20–45°C]	Max. ± 0.5°C	Max. 0.5 °C
Max. heating rate	5.5°C/min	5.5°C/min
Max. cooling rate	5°C/min(100°C-room temp.) 0.5°C/min(below room temp.)	-
Mixing frequency	200-1500rpm	200-1500rpm
Mixing orbit	3mm	3mm
Screen	TFT	TFT
Program	9	9
Overheating protection	150°C	150°C
Adapter block material	aluminum	aluminum
Voltage, Frequency	100–240V, 50Hz/60Hz	100-240V, 50Hz/60Hz
Power	200W	200W
Dimension[W×D×H] ( without the heating block )	200×235×120mm	200×235×120mm
Weight	7.3kg	7.3kg