HCM100-Pro
Thermo Mix

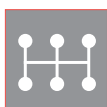# HM100-Pro
Thermo Mix with heating

H100-Pro
Thermo control

Features

- Excellent mixing result
- Stable and wide range of speed adjustment
- Precise temperature control for heating and cooling
- Flexible adapter selection
- Programmable
- Compatible with various tubes
- Quick interchange of blocks with magnet adhesion technology without any tools
- Block equipped with a lid for heat preservation
- Three-point temperature calibration

Blocks self recognition

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

Specifications	HCM100-Pro	HM100-Pro	H100-Pro
Functions	Heating, cooling & mixing	Heating & mixing	Heating
Temperature range	Heating: room temp. - 100°C Cooling: room temp. - below room temp. 15°C	Heating: room temp. - 100 °C	Heating: room temp+5 °C. - 100°C
Temperature setting range specifications	0.1~100°C	15~100°C	15~100 °C
Temperature control accuracy[@ 20–45°C]	± 0.5°C	± 0.5°C	± 0.5°C
Temperature uniformity[@ 20–45°C]	± 0.5°C	± 0.5°C	± 0.5°C
Max. heating rate	5.5°C/min	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	-
Time setting range	0~99h30min	0~99h30min	0~99h30min
Program	9	9	9
Overheating protection	150°C	150°C	150°C
Display	TFT	TFT	TFT
Adapter block material	aluminum	aluminum	aluminum
Voltage, Frequency	100-240V,50/60Hz	100-240V,50/60Hz	100-240V,50/60Hz
Power	200W	200W	200W
Dimension[W×D×H] (without the heating block)	200×235×120mm	200×235×120mm	200×235×120mm
Weight	7.3kg	7.3kg	7.3kg