

Thermal Mixers

HC110-Pro

Dry bath with cooling

Features

- Precise temperature control for heating and cooling
- Flexible adapter selection
- Programmable
- Compatible with various tubes



Excellent temperature accuracy



Programmable



Adapter self recognition



Cat.No.	Blocks	Speed	Capacity	Diameter x Depth
18900238		1500rpm	24x0.5mL	8.1x26mm
18900237		1500rpm	24x1.5mL	10.9x30.8mm
18900239		1500rpm	24x2mL	10.9x30.8mm
18900240		1500rpm	8x5mL	13.6x42mm
18900241		800rpm	8x15mL	6.5x80mm
18900242		600rpm	4x50mL	29.6x80mm
18900244		1500rpm	well plate	-
18900243		1500rpm	0.2mLx96 PCR plate	-

Specifications

Functions	HC110-Pro
Temperature range	Heating & cooling
Temperature control accuracy[@20-45°C]	Heating: room temp. - 110°C
Temperature uniformity[@20-45°C]	Cooling: room temp. - below room temp. 25°C
Max. heating rate	± 0.5°C
Max. cooling rate	Max ± 0.5°C
Screen	5.5°C/min
Program	2.5°C/min (100°C-room temp.)
Overheating protection	0.5°C/min (below room temp.)
Adapter block material	TFT
Voltage, Frequency	9
Power	150°C
Dimension[WxDxH] (without the heating block)	aluminum
Weight	100-240V,50/60Hz
	200W
	200x235x120mm
	7.3kg

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.

HCM100-Pro

Thermal Mixer with heating, cooling & mixing

HM100-Pro

Thermal Mixer with heating & mixing



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



Blocks self recognition

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(110°C-room temp.) 0.5°C/min(below room temp.)	-
Mixing frequency	300-1500rpm	300-1500rpm
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,50/60Hz	100-240V,50/60Hz
Power	200W	200W
Dimension[WxDxH] (without the heating block)	200x235x120mm	200x235x120mm
Weight	7.3kg	7.3kg