



IHC110-Pro

**Thermo control
with cooling**

Features

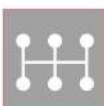
- Precise temperature control for heating and cooling
- Flexible adapter selection
- Programmable
- Compatible with various tubes
- Quick interchange of blocks with magnet adhesion technology without any tools
- Block equipped with a lid for heat preservation
- Three-point temperature calibration



Excellent
temperature accuracy



Programmable



Block self recognition



Cat.No.	Blocks	Speed	Capacity	Diameter x Depth
18900401		1500rpm	24x0.5mL	8.1x26mm
18900402		1500rpm	24x1.5mL	10.9x30.8mm
18900403		1500rpm	24x2mL	10.9x30.8mm
18900404		1500rpm	8x5mL (round bottom)	13.6x42mm
18900405		1400rpm	8x5mL (cone bottom)	17x51.5mm
18900406		800rpm	8x15mL	16.9x80mm
18900407		600rpm	4x50mL	29.6x80mm
18900420		1500rpm	0.2mLx96 PCR plate	-
18900423		1500rpm	microplate	-

Specifications

Functions
Temperature range
Temperature setting range specifications
Temperature control accuracy[@20-45°C]
Temperature uniformity[@20-45°C]
Max. heating rate
Max. cooling rate
Time setting range
Program
Overheating protection
Display
Adapter block material
Voltage, Frequency
Power
Dimension[WxDxH] (without the heating block)
Weight

IHC110-Pro

Heating & cooling
Heating: room temp. - 110°C
Cooling: room temp. - below room temp. 25°C
-5~110°C
± 0.5°C
± 0.5°C
5.5°C/min
2.5°C/min (100°C-room temp.)
0.5°C/min (below room temp.)
0~99h30min
9
150°C
TFT
aluminum
100-240V,50/60Hz
200W
200x235x120mm
7.3kg

IHCM100-Pro

Thermo Mix

IHM100-Pro

Thermo Mix with heating

IH100-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



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.



Blocks self recognition



Thermo Mix

Specifications

	IHCM100-Pro	IHM100-Pro	IH100-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	0.1~100°C	15~100°C	15~100 °C
Temperature control specifications	± 0.5°C	± 0.5°C	± 0.5°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