Thermo Mix HCM100-Pro / HM100-Pro

Thermo Mix series integrates precise and efficient heating & cooling and mixing function

DLAB HCM100-Pro-Heating/Cooling/Mixing DLAB HCM100-Pro combines the excellent mixing and accurate temperature control, to make your work efficiently and productively



Features

- · Fully programmable
- · Precise temperature control for heating and cooling
- · Real-time display of speed, temperature and time
- Excellent mixing (200-1500rpm)
- Quick interchange of blocks without tools and automatic block recognition
- · Compatible with most popular tubes
- · Block equipped with a lid for heat preservation
- · Temperature self-calibration

Applications

Precise and efficient heating/cooling and mixing is applicable for many applications such as Gene synthesis, gene purification, gene and protein denaturation, enzymatic reaction, bacterial growth, and others.

Thermo control HC110-Pro

heating and cooling with digital display



Features

- · Compact, programmable and overheating protection for safe sample handling
- Precise temperature control for heating and cooling -5°C to 110°C for all major lab applications
- · Interchangeable sample blocks available Applications
- Most common application if for Reagent warming/cooling, DNA extractions, enzymatic reactions and reactions that need to processed at or near room temperature.

As low as -5°C

Precise temperature control for heating and cooling -5°C-110°C.

Specifications	HCM100-Pro	HM100-Pro	HC110-Pro
Functions	Heating,cooling&mixing	Heating&mixing	Heating&cooling
Temperature range [℃]	Below room temp 15- 100	Room temp-100	Below room temp 25- 110
Temperature Setting range [℃]	0.1-100	15-100	-5-110
Temperature control accuracy@20-45 [℃]	± 0.5	±0.5	± 0.5
Temperature uniformity@20-45 [℃]	±0.5	± 0.5	± 0.5
Power [W]	200	200	200
Time setting range	0min~99h30min	0min~99h30min	0min~99h30min
Max Heating speed	5.5°C/min	5.5℃/min	5.5℃/min
Max Cooling speed	5°C/min(100°C-room temp) 0.5°C/min(below room temp)	-	2.5°C/min (100 °C-room temp) 0.5 °C/min (below room temp)
Mixing speed [rpm]	200-1500	200-1500	_
Mixing orbit [mm]	3	3	-
Display	TFT	TFT	TFT
Program	9	9	9
Overheating protection [°C]	150	150	150
Voltage,Frequency	110/220V, 50/60HZ	110/220V, 50/60HZ	110/220V, 50/60HZ
Dimension [mm]	200×235X120	200x235X120	200x235X120
Weight [kg]	7.3	7.3	7.3
Operating temperature [℃]	10-40	10-40	10-40
Operating humidity [% RH]	<80	< 80	<80

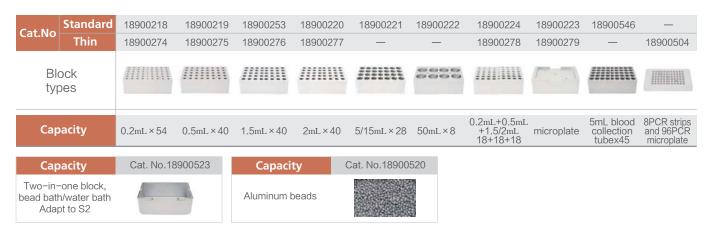


Blocks

H100-Pro

Cat.No	18900401	18900402	18900403	18900404	18900405	18900406	18900407	18900420	18900423
Block types				7 0 7 7 0 0 7 0 E		-	88		
Capacity	0.5mL × 24	1.5mL × 24	$2mL \times 24$	5mL×8 round bottom	5mL×8 cone bottom	15mL × 8	50mL × 4	96 or 384 well plate	microplate

HB120-S



HB105-S1 /HB105-S2 /HB150-S1 /HB150-S2

Cat.No	18900459	18900460	18900461	18900462	18900463	18900464	18900465	18900522	18900523	18900520
Block types	mm	Hill				###	**			
Capacity	0.2mL×30	0.5mL×20	1.5mL×20	2mL×20	5mLx12	15mL×12	50mL×4	Two-in-one block,bead bath/water bath Adapt to S1	Two-in-one block,bead bath/water bath Adapt to S2	Aluminum beads

Mini HCL100/Mini HC100/Mini H100

Cat.No	18900414	18900415	18900416	18900428	18900417	18900426	18900427
Block types				00000	000	• • •	99
Capacity	0.2mL×40	0.5mL×24	1.5mL×15	2mL×15	5mL×6	15mL × 4	50mL×2
Diameter ×depth	6.4 × 20 mm	8.2 × 28.4mm	11.2×31mm	11 × 31mm	17×31mm	16.4 × 45mm	29 × 45mm