

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



Magnet adhesion technology

Quick interchange of blocks with magnet adhesion technology without any tools

Program keys

Freely programmable
Fast and simple access to the most frequently used temperature and time parameters
Save up to 9 user defined programs

Temperature protection

Block equipped with a lid for heat preservation

Module compatibility

Flexible adapter selection, compatible with various tubes

Intuitive display

LCD display for time, speed and temperature parameters

Block self-recognition

The system can automatically identify the heating module to ensure the smooth completion of the experiment

Add-ons

Three point temperature calibration for precise temperature control

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.

Blocks

H100-Pro/HC110-Pro/HCM100-Pro/HM100-Pro

Cat.No	Magnetic	18900401	18900402	18900403	18900404	18900405
	Mechanical fixation	18900344	18900343	18900345	18900637	18900638
Block types						
Capacity	0.5mL×24		1.5mL×24		5mL×8 round bottom	
Speed	1500rpm		1500rpm		1500rpm	
Diameter×depth	8.1×26mm		10.9×30.8mm		13.6×42mm	
Cat.No	Magnetic	18900874	18900406	18900407	18900420	18900423
	Mechanical fixation	—	—	—	18900349	18900350
Block types						
Capacity	1.5mL×24 Chromatography Vial		15mL×8		0.2mL×8 PCR strips or 0.2mL×96 PCR microplate	
Speed	1500rpm		800rpm		1500rpm	
Diameter×depth	12×20.5mm		16.9×80mm		5.7×13.2mm	

HB120-S/HB120-SC (Standard:151×95×50mm, Thin:151×95×36.5mm)

Cat.No	Standard	18900218	18900219	18900253	18900220	18900818	18900221
	Thin	18900274	18900275	18900276	18900277	—	—
Block types							
Capacity	0.2mL×54		0.5mL×40		1.5mL×40		2mL×40
Diameter×depth	6.4×15mm		8.2×26.4mm		11×34.7mm		11×34.7mm
Cat.No	Standard	18900222	18900224	18900223	18900746	18900546	—
	Thin	—	18900278	18900279	—	—	18900504
Block types							
Capacity	50mL×8		0.2mL+0.5mL +1.5/2mL 18+18+18		microplate		Deep well Plate
Diameter×depth	29.8×48mm		Each capacity		127×85mm		137×86.5×42mm
Capacity	Cat. No.18900523		Cat. No.18900520				
Two-in-one block, bead bath/water bath Adapt to S2				Aluminum beads			