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Manual pipettes  
Electronic Pipettes  
Pip. Filler/ Stepper

Electronic Titrator  
Electronic Dispenser  
Manual Dispenser  
SafeVac

Centrifuges-Clinical  
Centrifuges-LS  
Rotary Evaporator  
Rollers and Rotators

Hotplate  
Magnetic Stirrers  
Overhead Stirrers

Shakers  
Mixers / Vortex  
Thermo Mixers  
Thermo Cyclers



# Thermo Mix

## HCM100-Pro



Your Accessible Solution



Advantages for the user	Features
High precision temperature control	Uniform block temperature, time control accuracy@20~45℃ is ±0.5℃
Multifunctional	Combination of Heating, Cooling & Mixing functions in one machine
Excellent mixing result	Unique <b>orbital mixing technology</b> preventing liquid spillage
Wide range of blocks	8 types of blocks are ranging from 0.2ml-50ml
Timer function	Timing from 1 min~99h59min
Programmable	9 programs can be stored
Safety measures	Over heating protection and auto-recognition of the blocks

*We also provide simplified model of thermo mix*



HM100-Pro, Heating & Mixing



HC110-Pro, Heating & Cooling

[Click Below](#)

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[Info@dlabsci.com](mailto:Info@dlabsci.com)

## Thermo Mix

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8 types of blocks are available, range from 0.2~50ml

Cat.No.	Blocks	Speed	Capacity	Diameter x Deep
18900238		1500 RPM	24 x 0.5ml	8.1x26mm
18900237		1500 RPM	24x 1.5ml	10.9x31mm
18900239		1500 RPM	24x 2ml	10.6x26mm
18900240		1500 RPM	8x 5ml	13.6x36mm
18900241		800 RPM	8x 15ml	16.5x95mm
18900242		600 RPM	4x 50ml	28.7x75mm
18900244		1500 RPM	well plate	-
18900243		1500 RPM	0.2ml x 96 PCR plate	-

### Compared with water bath

	Dry bath & Thermo mix	Water bath
1	Wide heating range	The boiling point of water
2	Varieties of blocks	Need buoy to make tubes in water, difficult to mark
3	Small body, easy to move	Heavy, hardly move
4	Without contamination	Easily cause contamination
5	Programming and overheat protection	Need adding water for long time use
6	Easy maintenance	Easy form incrustation

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HCM100-Pro

**D LAB**

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### Technical data

Function	Heating, cooling & mixing
Temperature range	Heating: Room temp.~100°C; cooling: Room temp.~ below room temp.15
Temperature control accuracy [@20–45°C]	± 0.5°C
Temperature uniformity[@20–45°C]	Max ± 0.5 °C
Max. heating rate	5.5°C/min
Max. cooling rate	5 °C /min(110°C-room temp.); 0.5 °C/min (below room temp.)
speed range	300-1500rpm
Mixing diameter	3mm
Screen	TFT
Program step	6
Over temperature protection	150°C
Adapter block material	Aluminum
Voltage, Frequency	100-120V/220–240V,50Hz/60Hz
Power	200W
Dimensions [W×D×H] (without the heating block )	200×235×120mm
Weight	7.3kg

### Ordering Information

Cat. No.	P/N	Description	Power supply
5032103100	HCM100-Pro	LCD digital Thermo Mix with heating, cooling, mixing	USA plug, 100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz
5032102100	HC110-Pro	LCD digital Thermo Mix with heating, cooling	USA plug, 100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
			UK plug, 200V-240V/50Hz/60Hz
5032104100	HM100-Pro	LCD digital Thermo Mix with heating, mixing	USA plug, 100V-120V/50Hz/60Hz
			Cn plug, 200V-240V/50Hz/60Hz
			Euro plug, 200V-240V/50Hz/60Hz
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