MINI-PCR

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MINI-PCR

Mini-PCR works interchangeably with standard PCR assays, reagents, and consumables. It is portable, user friendly, small in size and easy to program with an intuitive user interface. It is benefit for students to understand with the animation presentation capabilities of the PC operating software.
Used in Incubation, Research, Development, Food Science, Pharmaceutical, Life Science, Animal Diagnostics, Analytical Laboratories, Molecular biology, Gene amplification, Gene Expression.
Also known as Laboratory Mini PCR, Mini PCR Machine, Laboratory Mini PCR Machine.

PCR22-16 MINI-PCR

- Convenient and flexible module change
- Large size and color super-high-definition LCD screen
- Intuitive and user-friendly interface, makes programming quick and easy
- Memory function in case of power-down
- Low noise, low energy consumption, long application life
- Solemn, elegant appearance, innovative design
- Specially designed lids reduce the evaporation during PCR
- Optimal panel keypad design for convenient operation
- Heat lid could be positioned at any angle for easy sample access
- Handle-module, more secure and convenient for module replacement, improving interchanging efficiency and long life span

SPECIFICATIONS

Model	PCR22-16
Sample Capacity	0.2 mlx16
Temperature Range	8-99°C
Temperature Precision	±0.2°C
Ambient Temperature	Operation Temp:8-30°C
Max. ramp rate	3°C / s
Display Interface	Touchscreen, Turning Knob
Display Precision	0.1°C
Uniformity	±0.2°C
Hot Lid Temperature	105°C
Max.No.of Cycle	1-99
Program Storage	15
Timer Range	1 s~60 min
Dimension (W×D×H)	200x200x40 mm
Weight	2.4 kg
Power Supply	12 V, 10 A

ACCESSORIES

Accessory Code	Name	Description
LS53578	Block C	96×0.2 ml+77×0.5 ml

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53542	Block A	96×0.2 ml
LS53554	Block B	54×0.5 ml
LS53566	Block D	384 well

PCR23-08 REAL-TIME MINI THERMAL CYCLER

Petlier technology: Solid-state, thermoelectric heating nad cooling uni for improved cotrol and durability

Bottom detection system provides greater accuray and sensitivity of measurements

High-powered photomultipiler provides sensitive detection

Long life LED excitation light source does not spend maintenance or preheating

Hot-lid feature allows oil-free operation

Advanced PID control ensure the accuracy of temperature control

SPECIFICATIONS

Model	PCR23-08
Temperature Range	4~100°C
Ambient Temperature	Operation Temp: 15-30°C; Storage Temp: 10-60°C
Ambient Humidity	Operation Humidity: 15-90% Relative Humidity; Storage Humidity: 5-95% Relative Humidity
Max. ramp rate	3°C / s
Reaction volume	10-150 μL
Block Formats	8 Wells
Block Material	Peltier
High Resolution Melt	Supported Resolution to 0.5°C
Multiplexing	Detect up to 2 dyes simultaneously, 470 / 520 nm(SYBR / FAM) and 565 / 625 nm(ROX / Texas Red)
Thermal Uniformity	±0.2°C
Thermal Accuracy	±0.2°C
Light Source	High power LED
Detector	Photediode
PC Operation system	WIN2000
XP	WIN7
WIN8	Dimension (W×D×H)
190x205x98 mm	Weight
2.1 kg	Power Supply

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Excitation Wavelength(450-590 nm)	Emission Wavelength	Detected Fluorescence

LS52124	Block A	48x0.2 ml (4 channels, auto hot-lid)	Standard Channels: F1:470 nm, F2:523 nm, F3:543 nm, F4:571 nm	Standard Channels: F1:525 nm, F2:564 nm, F3:584 nm, F4:612 nm	F1: FAM, SYBR Green I F2: HEX, VIC F3: TAMRA, JOE, Cy3 F4: TEXAS-RED, ROX
LS52137	Block B	48x0.2 ml (2 channels, manual hot-lid)	F1:470 nm, F2:564 nm	F1: 525 nm, F2: 564 nm	F1: FAM, SYBR Green I F2: HEX, VIC

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