

REAL-TIME THERMAL CYCLER PCR32-48



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Real-time PCR has revolutionized the way clinical microbiology laboratories diagnose human pathogens. It delivers reliability, sensitivity, and accuracy, which is optimized to enable the broadest range of real time PCR applications. Features like compact size, individually programmed wells, heated lids to prevent condensation, higher throughput and software integration makes it an unique choice.

Used in Life Science, Animal Diagnostics, Incubation, Research, Development, Food Science, Pharmaceutical, Analytical Laboratories, Molecular biology, Gene amplification, Gene Expression.

Also known as Mini PCR Machine, Laboratory Mini PCR, Laboratory Mini PCR Machine.

PCR32-48 REAL-TIME THERMAL CYCLER

Peltier technology: Solid-state, thermoelectric heating and cooling unit for improved control and durability

Bottom detection system provides greater accuracy and sensitivity of measurements

High-powered photomultiplier provides sensitive detection

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

Hot-lid feature allows oil-free operation

Advanced PID control ensures the accuracy of temperature control

Absolute Quantification, Relative Quantification, SNP Analysis

Data Automatic Analysis; Melting Curve Genotyping

Gradient; HRM; Multi-channel Crosstalks Correction

Background Correction; Automatic Gain; Customized Parameters



SPECIFICATIONS

Model	PCR32-48
Sample Capacity	48x0.2 ml
Temperature Range	4°C~99°C
Dynamics Range	1~1010 Copies
Max Heating Rate	≥4.0°C / sec
Max Cooling Rate	≥4.0°C / sec
Sample Volume Range	10-100µL
Uniformity	≤±0.3°C
Accuracy	≤±0.1°C
Gradient Temp Range	1°C~24°C
Hot Lid Temperature	80°C~110°C
PC Operation system	Windows 2000 / XP
Dimension (W×D×H)	450x520x320 mm
Power	650 W
Weight	25 kg
Power Supply	AC 110~220 V 50 / 60 Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52150	Block A	48x0.2 ml, 4 channels
LS52163	Block B	48x0.2 ml, 2 channels



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