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, LLaboratory Mini PCR, Laboratory Mini PCR Machine.

PCR32-48 REAL-TIME 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
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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