96 WELL GRADIENT THERMAL CYCLER PCR14-096

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PCR14-096

Engineered by finest quality and leading edge technology according to the advance technology and market norms under the direction of competent experts. Simple, intuitive programming, cost-efficient, fast setup and convenient to use makes it an ideal choice.

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

Also known as Gradient PCR Thermocycler, Gradient PCR Machine, Laboratory Gradient PCR Thermal Cycler, Laboratory Gradient PCR Thermocycler.

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The most advanced peltier-based semiconductor technology

Highly performance universal power supply

Large 5.7 inch high-definition LCD display

Graphical user interface in English and Chinese

Power-down data protection

Metal shell, solid, practical, beautiful and generous

Stepless adjustable hot lid

Lid can be positioned at any angle

High-sealing reaction zone, to ensure stable and reliable test

SPECIFICATIONS

Model	PCR14-096
Sample Capacity	96x0.2 ml
Temperature Range	0°C~99.9°C
Temperature Increment/Decrement	0.1~10.0°C
Hold at 4°C	Forever
Max. ramp rate	0.1°C~2.5°C
Max Heating Rate	4.5°C
Max Cooling Rate	4°C / s
Display Interface	LCD, 8',800x600
Display Resolution	0.1°C
Uniformity	≤±0.3°C
Accuracy	≤±0.2°C
Thermal Gradient Accuracy	≤±0.3°C
Gradient Spread	1~30°C
Gradient Uniformity	≤±0.2°C
Hot Lid Temperature	30°C~110°C
Height of hot Lid	Stepless Adjustable
Max.No.of Cycle	100

Program Storage	10000+(USB Flash)
Max Program Steps	30
Communication	USB2.0 , LAN
Temp Control Mode	Block, tube
Time Increment/Decrement	1 sec ~600 sec
Pause Function	Yes
Auto Data Protection	Yes
Dimension (WxDxH)	270x390x255 mm
Power	600 W
Weight	9 kg
Power Supply	85~264 V AC , 47~63 Hz