

# GRADIENT THERMAL CYCLER PCR11-096



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

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

## PCR11-096 GRADIENT THERMAL CYCLER

Convenient and flexible module change

Hermetic seal protects TEs from condensation, maximizing their life

Two-stage hot lid pressure regulator, endures good sealing performance

Gold-plated or silver-plated module improves the efficiency of heat conduction

Large size and color super-high-definition LCD screen

Intuitive and user-friendly interface, makes programming quick and easy

Infinitely adjustable lid knob, suitable for various types of the tube

Memory function in case of power-down

Low noise, low energy consumption, long application life

Heat lid could be positioned at any angle for easy sample access

Metal material lid, more reliable and safe

Hard disk and mouse can be linked

Linked with PC for its multiple control

Windows operating system

Convenient, free-charge program upgraded

Remote diagnosis system for easy maintenance

Achieve Circulation nesting

110-220V international general voltage



## SPECIFICATIONS

Model	PCR11-096
Temperature Range	0°C~99.9°C
Max.Heating Ramp Rate	4.0°C/s
Max.Cooling Ramp Rate	3.5°C/s
Block Formats	96x0.2 ml (A) / 54x0.5 ml (B) / 96x0.2 ml+77x05 ml (C) / 384well (D)
Display Interface	5.7"LCD
Heating/Cooling adjustable rate	0.1°C/s~4.0°C/s
Uniformity	≤±0.2°C(20~75°C)
Accuracy	≤±0.2°C
Gradient Temp Range	30~99°C
Thermal Gradient Span	2~30°C
Gradient Uniformity	≤0.2°C(single row)
Hot Lid Temperature	30~115°C
Max.No.of Cycle	99

Communication	USB2.0 / RS 232
Temp Control Mode	Block, tube
Memory Capacity	200
Dimension (WxDxH)	380x270x250 mm
Weight	7.2 kg

## ACCESSORIES

Accessory Code	Name	Capacity
5100505008	Block C	96x0.2 ml+77x0.5 ml

## OPTIONAL ACCESSORIES

Accessory Code	Name	Capacity
5100505005	Block A	96x0.2 ml
5100505006	Block B	54x0.5 ml
5100505007	Block D	384 well

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