

# THERMAL CYCLER PCR46-099



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Thermal Cyclers have become an essential tool for DNA amplification, and are considered by many as the workhorse of the laboratory. It provides outstanding performance in a compact and user friendly design. Better performance, efficiency and faster optimization makes it a perfect choice for any laboratory.

Used in Research, Development, Food Science, Pharmaceutical, Life Science, Animal Diagnostics, Analytical Laboratories, Cloning, Sequencing, Gene Expression, Gene Amplification..

Also known as DNA Amplifier, Thermocycler, PCR Machine, Laboratory Thermocycler, Laboratory PCR Machine, Laboratory DNA Amplifier..

## PCR46-099 THERMAL CYCLER

Software intuitive interface and user friendly

Powerful hardware configuration to meet your needs

Interchangeable five block for your choice

Extensive experiment application

Accurate Experimental Data

Suitable for many series of reagents and consumables, simplify experiments

While block temperature is lower than set temperature or program ends, the hot lid will be automatically closed



## SPECIFICATIONS

Model	PCR46-099
Temperature Range	4°C~99.9°C
Temperature Increment/Decrement	0.1°C~9.9°C, Suitable for touchdown PCR
Max. ramp rate	0°C~4°C
Display Interface	6.5", 262k-color LCD display and touch screen
Uniformity	$\leq \pm 0.2^{\circ}\text{C}$
Accuracy	$\leq \pm 0.1^{\circ}\text{C}(55^{\circ}\text{C}) \leq \pm 0.2^{\circ}\text{C}(\geq 90^{\circ}\text{C})$
Thermal Gradient Accuracy	$\leq \pm 0.4^{\circ}\text{C}(35^{\circ}\text{C}-99^{\circ}\text{C})$
Hot Lid Temperature	30°C~110°C
Height of hot Lid	Automatic Adjusted
Max.No.of Cycle	99 Suitable for Nested PCR
Temp Control Mode	Block, tube
Memory Capacity	$\geq 250$ typical programs onboard, unlimited with USB flash drive expansion
Time Increment/Decrement	0~9 min 59 sec, suitable for Long PCR
Auto pause/ power protection	Yes
Soak Function	Yes
Network	LAN
Dimension (W×D×H)	160x140x120 mm
Power	600 W
Weight	10.5 kg
Power Supply	Ac 220 V, 50 Hz, 200 VA





**Biozef**

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