LABSTAC

THERMAL CYCLER PCR47-099

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THERMAL CYCLER PCR47-099

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 Cloning, Sequencing, Animal Diagnostics, Analytical Laboratories, Research, Development, Food Science, Pharmaceutical, Life Science, Gene Expression, Gene Amplification..
Also known as Laboratory DNA Amplifier, Laboratory Thermocycler, Laboratory PCR Machine, DNA Amplifier, Thermocycler, PCR Machine.

PCR47-099 THERMAL CYCLER

It uses advanced Peltier Technology
Hot-lid enables the oil-free operation
Gradient function
The menus software is more simple
Cooling and heating speed can be set up
While block temperature is lower than set temperature or program ends, the hot lid will be automatically closed

SPECIFICATIONS

Model	PCR47-099
Sample Capacity	96-PCR plate (full-skirted) 96x0.2 ml tubes 12x8-strip
Temperature Range	4°C~99.9°C
Temperature Increment/Decrement	0~9.9°C, Suitable for touchdown PCR
Max. ramp rate	0.1°C~4°C
Max.Heating Ramp Rate	Upto 4.0°C/s
Max.Cooling Ramp Rate	Upto 4.0°C/s
Display Interface	6.25', 262, 144 color LCD display and touch screen
Uniformity	≤±0.2°C
Accuracy	±0.1°C(55°C) ≤±0.2°C(≥90°C)
Gradient Temp Range	30~99°C
Hot Lid Temperature	RT +5°C-110°C(default 105°C)
Height of hot Lid	Automatic Adjusted
Max.No.of Cycle	99 Suitable for Nested PCR
Temp Control Mode	Block, tube
Memory Capacity	≥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 (WxDxH)	260x335x270 mm
Power	600 W
Weight	10 kg
Power Supply	100-240 V, 50-60 Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
5100911005	Block A	96x0.2 ml;6 independent modules Noble gold-plated block
5100911006	Block B	96x0.2 ml;6 independent modules Nickle plated block

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