LABSTAC

THERMAL CYCLER PCR45-099

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THERMAL CYCLER PCR45-099

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.

PCR45-099 THERMAL CYCLER

Software intuitive interface and user friendly
Powerful hardware configuration to meet your needs
Interchangable five block for your choice
Extensive experiment application
Accurate Experimental Data
Suitable for many series of reagens and consumables, simplify experiments
While block temperature is lower than set temperature or program ends, the hot lid will be automatically closed

SPECIFICATIONS

Model	PCR45-099
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	LCD Display and touch screen (5.7')
Uniformity	≤±0.3°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	USB
Dimension (WxDxH)	260x335x270 mm
Power	600 W
Weight	10 kg

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Heating speed of Ramping	Cooling speed of Ramping	Gradient Range	Gradient Range of Temperature Difference
5100909005	Block B	30x0.5 ml+48x0.2 ml	Upto 2.8°C / sec	Upto 2.8°C / sec		
5100909006	Block C	384-microplate	Upto 2.8°C / sec	Upto 2.8°C / sec	30°C~99.9°C	1°C~30°C
5100909007	Block A	48x0.2 ml; dual-block	Upto 4°C / sec	Upto 4°C / sec		
5100909008	Block D	96x0.2 ml; Gradient	Upto 4°C / sec	Upto 4°C / sec	30°C~99.9°C	1°C~30°C
5100909009	Block E	4 x standard in situ plates	Upto 1.8°C / sec	Upto 1.8°C / sec		

Labstac LLC
82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA
Email: contact@labstac.com | Website: labstac.com