



Advanced Thermal Cycler (Basic) LD-LATB-A13

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Overview

Advanced Thermal Cycler (Basic) LATB-A13 is adopted with advanced peltier based semi-conductor technology for thermal uniformity, is used in multiple PCR based experiments. It uses 6 pieces of advanced (US) Marlow peltier with maximum cycle time more than 200,000. This thermal cycler works on latest Windows OS, performs control function, print function, stores large data through RS232 interface for reliable, safe usage.

Features:

- Bilingual graphical curve inter face
- High performance universal power supply
- High definition 5.7" LCD display for easy observation
- Data protection during power failure
- Stepless adjustable lid for various height
- High sealing reaction zone, to ensure stable reactions

Applications:

Widely used in PCR applications in research and development, food science, pharmaceuticals, life science, animal diagnostics and analytical laboratories.

Specifications:

LCD	5.7 inch, 320 × 240 pixels
Print	Yes
Weight	10 kg
Program	200
Capacity	384 well
Cooling Rate	3 °/s
Heating Rate	4 °/s
Power Supply	85 to 264 V AC , 47 to 63 Hz , 600 W
Communication	RS232 interface
Pause Function	Yes
Max No. of Steps	9
Max No. of Cycles	99
Auto Data Protection	Yes
Dimension (L×W×H)	380 × 240 × 260 mm

Temperature Uniformity	$\pm 0.3^\circ\text{C}$
Block Temperature Range	0 to 99.9°C
Ramping Rate Adjustable	0.1 to 2.5°C/min
Temperature Control Mode	Block \ Tube
Time Increment/Decrement	1 sec to 9 min 59 sec
Hot Lid Height Adjustable	Stepless Adjustable
Hot-lid Temperature Range	30 to 110°C
Temperature Control Accuracy	$\pm 0.2^\circ\text{C}$
Temperature Increment/Decrement	0.1 to 9.9°C