

LT-2400 TOUCH SCREEN PCR THERMAL CYCLER

96 WELL



PRODUCT FEATURES

- ✓ Excellent implication due to high quality semi conductor
- ✓ Industrial grade operation system, can work 7 x24 hs.
- ✓ 30°C gradient range, ideal for protocol optimization
- ✓ 5 inch touch screen, easy to edit, operate, save programs
- ✓ Data saved to USB flash memory
- ✓ Impact design, small size
- ✓ Extremely quiet
- ✓ High precise temperature with good uniformity, quick heating up and cooling down benefit from advanced thermoelectric
- ✓ cooling and PID technologies

ACCESSORIES

- ✓ Instruction manual
- ✓ USB cable
- ✓ Software

TECHNICAL SPECIFICATIONS

Capacity	96x0.2m1(PCR plate without/semi skirt), 122d3x0.2m1 strips, Bx12x0.2m1 strips, 0.2ml tubes (height 20-23mm)
Voltage	Ac100-240V,50/60Hz
Temp Control ways	Block or Tube
Block Temperature °Range	4 -99.9°C
Timer	1s-99min 59sec/inflate
Block Temperature Accuracy	±0.2°C
Block Temperature Uniformity	±0.25°C
Heating Up Rate (average)	3°C
Cooling down Rate (average)	2.5°
Max. Heating, Rate	4.5°C/s
Max-Cooling Rate	4.0°C/s
Gradient	Max. 30°C. Accuracy ±0.3°C
Gradient Temperature Accuracy	±0.3°C
Block Temperature Accuracy	0.1°C
Heating Lid Temperature range	RT + 30°-105°C
Automatically Heating Lid	Shut off automatically when sample lower than 30°C or program over
Timer Increasing/ Decreasing	-9.9-9.9° for touchdown PCR
Programs stored	>100
Max-Cycles	99
Max. Steps	30
Program Pause Function	Yes
16°C Temperature Holding Function	Infinite
Real-time operation	Image-text displayed
Interface Port	USB 2.0
Dimension (WxDxH)	200x300x170
Weight	4.5 kg

