

3P960 Gradient PCR Thermal Cycler

Introduction

This gradient Thermal Cycler is ideal for thermal cycling and protocol optimization in molecular biology, medical, food, genetic testing and etc



Features

- Excellent amplification due to high quality Semiconductor
- Industrial grade operation system, can work 7x24hs
- 30°C gradient range, ideal for protocol optimization
- High precise temperature with good uniformity, quick heating up and cooling down benefit from advanced thermoelectric cooling and PID technologies
- 5-in touch screen, easy to edit, operate, save programs
- Data saved to USB flash memory
- Impact design, small size
- Extremely quiet

Product parameters

Model	3P960	Max.Heating Rate	5°C /S	Programs stored	10000+
Voltage	AC100~240V, 50/60Hz	Max.Cooling Rate	4.5°C /S	Max.Cycles	99
Temperature Control ways	Block or Tube	Gradient Set Span	Max. 30°C	Max.Steps	30
Block Temperature Range	4~99.9°C	Gradient Temperature Accuracy	±0.3°C	Program Pause Function	Yes
Timer	1s~59min59sec/ Infinite	Block Temperature Accuracy	0.1°C	16°C Temperature Holding Function	Infinite
Block Temperature Accuracy	±0.2°C	Heating Lid Temperature range	30°C ~105°C	Real-time operation status	Image-text displayed
Block Temperature Uniformity	±0.25°C	Automatically Heating Lid	Shut off automatically when sample lower than 30°C or program over	Interface Port	USB 2.0
Heating Up Rate (average)	4°C	Timer Increasing / Decreasing	- 599~599 S for Long PCR	Dimension (W×D×H)	200x300x170 (mm)
Cooling down Rate (average)	3°C	Temperature Increasing / Decreasing	-9.9~9.9°C for Touchdown PCR	Weight	4.5kg
Capacity	96x0.2ml(PCR plate without/semi skirt), 12x8x0.2ml strips, 8x12x0.2ml strips, 0.2ml tubes (height 20~23mm)				