PC-96 Gradient 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 amplication due to high quality Semiconductor
- Industrial grade operation system, can work 7x24hs
- 42°C gradient range, ideal for protocol optimization
- 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 peltier based and PID technologies
- 5-inch touch screen,easy to edit,operate,save programs

Product parameters

Model	PC-96	Max.Heating Rate	5℃ /S	Programs stored	10000+
Voltage	AC100~240V, 50/60Hz	Max.Cooling Rate	4.5℃ /S	Max.Cycles	99
Temperature Control ways	Block or Tube	Gradient Set Span	Max. 42℃	Max.Steps	30
Block Temperature Range	0~105℃	Gradient Temperature Accuracy	±0.3℃	Program Pause Function	Yes
Timer	1s~59min59sec/ Infinite	Temperature display accuracy	0.1℃	16°C Temperature Holding Function	Infinite
Block Temperature Accuracy	±0.2℃	Heating Lid Temperature range	30℃ ~110℃	Real-time operation status	Image-text displayed
Block Temperature Uniformity	±0.25℃	Automatically Heating Lid	Shut off automatically when sample lower than 30℃ or program over	Interface Port	USB 2.0
Heating Up Rate (average)	4℃	Timer Increasing / Decreasing	- 599~599 S for Long PCR	Dimension（W×D×H）	200x300x170 (mm)
Cooling down Rate (average)	3℃	Temperature Increasing / Decreasing	-9.9~9.9℃ for Touchdown PCR	Weight	4.5kg
Gradient temperature range	30-105℃	Max. Power	600W		
Capacity	96x0.2ml(PCR plate without/semi skirt), 12x8x0.2ml strips, 8x12x0.2ml strips, 0.2ml tubes (height 20~23mm)				