

PC-96P Gradient Thermal Cycler

Introduction

PC-96P is a upgraded generation thermal cycler on basis of our PC-96, the advanced peltier technology brings accurate temperature control, make the cycles reaches up to a million times. It's an ideal thermal cycler for researches of life sciences in most labs.



Features

- Small footprint, compact design
- 6 high precise peltiers
- Good temperature uniformity reduce edge effect
- Peltier based technology, max heating up rate 6°C /sec
- 1024x768 pixel, 8 -inch color touch screen Automatically power failure recovery
- Gradient range 42°C

Product parameters

Model	PC-96P	Gradient temperature range	30-105°C	Max. Steps	30
Voltage	100~240V, 50/60Hz	Gradient Set Span	Max. 42°C	Power failure recovery	Yes
Temperature Control ways	Block/Tube	Gradient Temperature	≤ ±0.3°C	Pause function	Yes
Block Temperature	0~105°C	Gradient Temperature Accuracy	≤ ±0.3°C	16°C Temperature Holding Function	Infinite duration
Timer	1s~59min59sec/ (0 means infinite)	Numbers of Gradient	12	LCD display	Touch screen display
Capacity	96x0.2ml	Heating Lid Temperature range	30°C ~110°C	Operation system	Linux
Block Temperature Accuracy	≤ ±0.2°C	Timer Increasing / Decreasing	-599s ~ 599s	Touch screen type	Capacitive
Block Temperature Uniformity	≤ ±0.25°C	Temperature Increasing / Decreasing	-9.9°C ~ 9.9°C	Communication port	USB2.0
Heating Up Rate (Max.)	6°C /s	Touchdown PCR	Yes	Max. Power	700W
Cooling down Rate (Max.)	5°C /s	Long PCR	Yes	Size (W×D×H)	400x260x228mm
Adjustable range of heating up/cooling down	0.1~6°C /s	Programs stored	10000+	Net weight	8.5kg
Temperature display accuracy	0.1°C	Max. Cycles	99		
Tubes applied	0.2ml microtubes, 8 x 0.2ml tubes strips , 96 x 0.2ml PCR plate (without/semi-skirted)				