

Premium II™ Gradient 96-well Thermal Cycler



Product highlights

- 5.7" LCD Color Touch Screen
- Excellent Temperature Uniformity and Accuracy
- Network Function Enabled
- Suitable for Long PCR, Touchdown PCR & Nested PCR



Product specification

Sample Capacity	96×0.2ml 12×8-strip 96-microplate(non-skirted)	Temp. of Hot Lid	30~110°C
LCD	5.7 inch LCD color touch screen	Gradient Span	1~30°C between 30~105°C
Temp. Range	4°C~105°C	Communication	USB B
Heating Rate (Max.)	≥4°C/sec	LAN to computer	YES
Cooling Rate (Max.)	≥4°C/sec	CPU	ARM9
Uniformity	≤±0.3°C	Power Supply	AC 100~240V 50~60Hz 600W
Accuracy	≤±0.1°C(55°C) ≤±0.2°C(≥90°C)	Dimension	33.5×26×27cm(L×W×H)
Display Resolution	≤±0.1°C	Net Weight	8kg
Temperature Control	BLOCK or TUBE	Max.No.of Cycle of each step	99, suitable for nested PCR
Ramping Range Adjustable	0.1°C ~ 4°C	Time Up/Down	0~9min.59sec., suitable for Long PCR
Number of Programs	250 +(USB FLASH)	Temperature Up/Down	0.1°C ~ 9.9°C, suitable for TouchDown PCR
Password protection	YES	Auto-shutoff Function of Hot Lid	While block temperature is lower than set temperature or program ends, the hot lid will be automatically closed
Auto Pause/Power Protection	YES		

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Ordering information

PCR-96PREMII Premium II™ Gradient 96-well Thermal Cycler