



**PCR-300**

## PCR-300, Polymerase Chain Reaction

### Features:

- Regulated lid pressure, preventing the sample in a centrifugal tube from evaporation
- Heated lid pressure warning device, prevent the excessive power which would easily damage the tube
- This convenient and flexible heating modules changeable device could easy change its required modules
- Electrical connections of modules are designed plug-to-plug, actually make the exchange wirelessly, the exchange is convenient and flexible
- The completely closed Amplification space can effectively prevent having dew on the inner surface of the tube
- Amplification part and operation part is designed right-and-left structure, for using conveniently and safely.



**PCRG-400**

## PCRG-400, PCR Thermal Cycler

### Features:

- The most advanced PELTIER technology.
- Convenient and flexible fitting for exchanging block easily.
- Large LCD panel enhances visibility and ease-of-operation.
- Graphic display makes programming quick and simple.
- With memory function in case of power-down.
- Low noise, low energy consumption, long application life.
- Large screen display, more intuitive to inspect.
- Optimal design of the human body, the operators more convenient.
- Lid can be arbitrary angle positioning .
- Handle-module, module replacement more secure and convenient



**PCRSG-500**

## PCRSG-500, PCR Thermal Cycler

### Features:

- Convenient and flexible module replacement mode
- The working area of the sample is completely closed which ensures clean and dry low temperature storing
- Two level adjustable hot lid pressure ensures the hot lid touch the testing tube with proper pressure
- Gold or silver-gilt module can improve the efficiency of heat conducting and make the experiment more efficient
- Large size and high-definition LCD
- Intuitive, friendly user interface makes programming easier and faster
- Step less adjustable hot lid
- Memory function in case of power-down
- Low noise, low energy consumption, long application life
- Hot lid could be stopped at any angle
- Metal made hot lid, safer and more reliable
- Windows operating system, PC Connection, External Mouse
- Convenient and free program updating
- Distant fault judgment.

Model	PCRSG-500	PCRG-400	PCR-300
Capacity	96x0.2ml, 54x0.5ml, 384	96x0.2ml, 54x0.5ml, 96x0.2ml+77x0.5ml, 384well	64x0.2ml, 36x0.5ml
Temp. range	0-99° (Ambient temp≤30°)		
Heating/Cooling rate (Max)	≥4.0°C/s	≥4.0°C/s	≥3.0°C/s
Uniformity (At 55°C)	≤±0.2°	≤±0.2°	≤±0.2°
Accuracy	≤±0.1°		
Gradient temp range	30-100°	30°	-
Gradient spread	30° (±15°C)	30° (±15°C)	-
Heated lid temp	20-115°	20-115°	105°
Temp control	Block, tube, calculated	Block, tube, calculated	
Stored program no.	1000	200	99
Max no. of cycle	299	99	
Display	5.7" LCD	5.7" LCD, 320x240pels LCM	4.0" LCD
Communication	USB2.0/RS232/LAN	-	-
Size (mm)	380x270x250	380x270x250	370x249x180
Weight	7.8kg	7.2kg	4.8kg