

GM-96 / GM-96S

Thermal Cycler Gradient



Feature

- 10.1-inch fully laminated touchscreen.
- The instrument adopts a front-in, rear-out air duct design.
- Air inlets are located at both the front and bottom of the instrument, with a well-designed air duct.
- Adaptive heated lid accommodates a wider range of consumables.
- Built-in multiple standard template programs.
- Features power-off protection.
- Max.Heating rate 8°C/S, improving high efficiency.

Technical Parameter

Model	GM-96S	GM-96
Sample Capacity	0.2ml PCR tube/ 8-tube strip/ 96-well PCR plate	
Reaction System	5-100ul	
Max. Heating Rate	8°C/s	6°C/s
Max. Cooling Rate	8°C/s	5°C/s
Ramping Rate Adjustable	0.1-8°C	0.1-6°C
Temp. Accuracy	±0.1°C	
Temp. uniformity	±0.2°C	
Temperature Display Resolution	±0.1°C	
Temperature Temperature	0-105°C	
Hot lid Temperature	30-115°C	
Gradient Temperature Range	30°C~105°C	
Temperature Increment	Horizontal 1-30°C Vertical 1-24°C	
Temp. Increasing/Decreasing	0.1-10.0°C	
Number of Programs	20000	
Max. No. of Step	200	
Max. No. of Cycle	200	
Time Increment/Decrement	1S - 600S	
4°C Insulation	Infinite	
Communication Interface	USB*3;RJ45*1	
TM Calculator	YES	
Power Fail Safeguard	YES	
Pause Function	YES	
Language	Chinese/English	
Display	10.1 Inch Full Touch Screen	
Power	100-240VAC ,50/60Hz	
Dimension	380×280×220mm	
Weight	9kg	8kg

MNA-96

Thermal Cycler Gradient

Feature

- 7-inch fully-laminated touch screen and simple user interface.
- Constructed with a metal alloy housing.
- Equipped with an adaptive heat cover for compatibility with a wider range of consumables.
- Built-in multiple standard template programs.
- Offers power-off protection and automatic low-temperature preservation functions.
- The patented module design provides excellent temperature uniformity without additional heating assistance.
- The instrument adopts the forward and back air duct design, which not only ensures the hardware stability, but also ensures the maximum heat dissipation efficiency.



Technical Parameter

Model	MNA-96
Sample Capacity	0.2ml PCR tube/8-tube strip/96-well plate
Reaction Volume	5-100ul
Max. Heating Rate	5°C/s
Max. Cooling Rate	4.5°C/s
Ramping Rate Adjustable	0.1-5°C
Accuracy	±0.1°C
Uniformity	±0.2°C
Temp. Range	0-105°C
Temperature Display Resolution	±0.1°C
Hot lid Temperature	30-115°C
Gradient Temp. Range	30-105°C
Gradient Adjustment	Horizontal :1-30°C
Temp.Increment /Decrement	0.1-10°C
Time Increment /Decrement	1S-600S
Max. No. of Step	100
Max. No. of Cycle	100
Number of Programs	20000
Hold at 4 °C	Infinite
TM Calculator	YES
Power Fail Safeguard	YES
Pause Function	YES
Language	Chinese/English
Communication Interface	USB*2
Power	100-240VAC ,50/60Hz , 800 W
Dimension	293×190×183mm
Weight	5.5kg