

Peltier-based Thermal Cycler

[Model MG96+]



Gradient Thermal Cycler

[Model MG96G]

www.longgene.com

- ◆ Imported Core-parts ensure High Quality and Long Life
- ◆ Two-in-One Combi-Block
- ◆ Hot Cover With Adjustable Pressure
- ◆ Large-size Blue LCD
- ◆ Wide Power Supply
- ◆ Wide Gradient Temp. Range
- ◆ 2-year Quality Warranty

Manufactured by LongGene Scientific Instruments Co., Ltd.



Technical Specifications

MG96+

MG96G

Technology	Peltier-based	
Block Capacity	0.2ml X 96wells + 0.5ml X 77wells	
Tube Usable	0.2ml tube, 0.5ml tube, 96 wells microplate, In-situ plate	
Temperature		
Block Temperature Range	0°C ~ 99.9°C	
Max. Block Heating Rate	3°C/s	
Max. Block Cooling Rate	2°C/s	
Block Uniformity	≤ ±0.2°C	
Block Accuracy	≤ ±0.2°C	
Mode of Temperature Control	Sim-Tube & Block mode	
Ramping Rate Adjustable	0.1°C ~ 3°C	
LCD	Large-size Blue LCD	
Programming		
Number of Programs	> 125	
Max. No. of Cycle	99	
Time Increment/Decrement	1 ~ 60s	
Temp. Increment/Decrement	0.1 ~ 10.0°C	
Auto Pause	Yes	
Auto Restart	Yes	
Hold at 4°C	Forever	
Running Time Display	Yes	
Hot Cover		
Hot Cover Temperature	105°C	
Height of Hot Cover	Adjustable	
Auto Shut-off	Yes	
Gradient Specification		
Gradient Accuracy	No	≤ ±0.3°C
Column Uniformity	No	≤ ±0.3°C
Temp. Range for Gradient	No	30°C ~ 99.9°C
Temp. Differential Range	No	1°C ~ 30°C
Dimension (L×W×H)	315 X 240 X 275mm	
Net Weight	8.8 (kg)	
Wide Power Supply Range	110V±10%, 220V±25% ~ 50/60Hz	
*A set of additional In-situ plate available for In-situ PCR experiments.		

Appearance and Technical Specification subject to change.

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