

Peltier-based Thermal Cycler

[Model MG48+]



Gradient Thermal Cycler

[Model MG48G]

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



Technical Specifications

MG48+

MG48G

Technology	Peltier-based	
Block Capacity Tube Usable	0.2ml X 48wells + 0.5ml X 48wells 0.2ml tube, 0.5ml tube	
Temperature Block Temperature Range Max. Block Heating Rate Max. Block Cooling Rate Block Uniformity Block Accuracy Mode of Temperature Control Ramping Rate Adjustable	0°C ~ 99.9°C 3°C/s 2°C/s ≤ ±0.2°C ≤ ±0.2°C Sim-Tube & Block mode 0.1°C ~ 3°C	
LCD	Large-size Blue LCD	
Programming Number of Programs Max. No. of Cycle Time Increment/Decrement Temp. Increment/Decrement Auto Pause Auto Restart Hold at 4°C Running Time Display	> 125 99 1 ~ 60s 0.1 ~ 10.0°C Yes Yes Forever Yes	
Hot Cover Hot Cover Temperature Height of Hot Cover Auto Shut-off	105°C Adjustable Yes	
Gradient Specification Gradient Accuracy Column Uniformity Temp. Range for Gradient Temp. Differential Range	No No No No	≤ ±0.3°C ≤ ±0.3°C 30°C ~ 99.9°C 1°C ~ 30°C
Dimension (L×W×H) Net Weight	315 X 240 X 275mm 8.8 (kg)	
Wide Power Supply Range	110V±10%, 220V±25% ~ 50/60Hz	

Appearance and Technical Specification subject to change.