

MQ ONEZONE THERMAL CYCLER (CAT NUMBER: MQ-96G-1Z)



Features

- Long service life Peltier heating units.
 - Reinforced aluminum module with anodizing technology can keep rapid heating-conducting property and have enough corrosion resistance.
 - High heating and cooling rate, max. Ramping rate 5 °C/s, can save your precious time.
 - Self-adapting pressure hot lid makes closing lid and tightening lid in one step.
 - It has Android operation system and 10.1 inch capacitive touch screen with graphical menu navigation interface.
 - Built-in 11 standard program file template, can quickly edit the required files.
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- The running program and left time can be displayed in real time , allow to edit file when program is running.
 - One-click quick incubation function can meet experiment's needs such as denaturation, enzyme cutting/enzyme-link and ELISA.
 - Hot lid temperature and hot lid work mode can be set to meet different experiment's need.
 - Automatic restart after power failure. When power is restored it can continue to run unfinished program.

Specifications

Model	MQ-96G-1Z
Capacity	96x0.2ml
Tubes	0.2ml tube, 8 strips, semi-skirted 96 well plate, non-skirted 96 well plate
Reaction volume	5-80ul
Temperature range	0-105°C
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display resolution	0.1°C
Ramping rate adjustable	0.1-5°C
Maximum Ramping Rate	5°C
Gradient temp. range	30-105°C
Gradient type	Normal gradient
Gradient speed	1-42°C
Hot lid temperature	30-115°C
Number of programs	2000 + (USB Flash)
Max. number of steps	30
Max. number of cycles	100
Time increment/decrement	1 sec – 600 sec
Temp. increment/decrement	0.1-10°C
Pause function	Yes
Hold at 4°C	Forever
Touchdown function	Yes
LCD	10.1 inch, 1280x800 pels
Power supply	100-240VAC , 50/60Hz , 600 W