



Miulab MP32

Description

Survive by quality, develop by service, pursue excellence, and persevere.

MP-32+ Mini gradient thermal cycler is an ultra-light ultra-thin thermal cycle gene amplification instrument. Using 5-inch TFT high-definition true color full touch LCD screen, the whole program displays in real time with curve graph, parameter modification intuitive and convenient. Using the latest generation of semiconductor technology, excellent temperature accuracy and uniformity and have extremely high temperature change speed, to ensure high-quality experimental results.

Feature

Survive by quality, develop by service, pursue excellence, and persevere.

- 1、New and unique appearance, the interface operation is simple and convenient, ultra-light ultra-thin.
- 2、The latest generation of semiconductor technology, excellent augmentation performance, effectively eliminate the edge effect of module heat conduction, the module temperature uniformity is excellent. Built-in four-way refrigeration film, four sensors are evenly distributed, the program temperature control is more precise.
- 3、Excellent temperature rising and cooling rate, up to 6 °C / s
- 4、The bottom case is made of one-piece aluminum, which is not only beautiful and sturdy, but also has a higher heat dissipation performance.
- 5、5-inch TFT high-definition full-touch color screen, can quickly edit the required files, visual display of temperature curve, convenient and fast setting, accurate display of temperature curve and instrument running process status in real time.
- 6、The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions.
- 7、User login, rights management, password protection, data security, administrators can clear users, large data storage, the maximum number of files that can be stored in the machine is greater than 100.
- 8、The ingenious elastic hot cover structure design, ADAPTS to the different height test tube, guarantees the best conditions for the test.
- 9、Real-time display of gradient temperature distribution, real-time temperature display, more conducive to controlling the sample temperature.
- 10、The hot lid temperature and working mode can be set, hot lid can be switched on and off, and test tube temperature control mode and module temperature control mode can be choose to meet more different experimental requirements.

Parameters

Survive by quality, develop by service, pursue excellence, and persevere.

Model	MP-32+	Hot cover temp. range	30-105°C
Temp. range	4-99.9°C	Max. steps of the program	30
Sample capacity	32×0.2ml	Program max. cycle number	99
Max. heating rate	6°C/s	Time increment/decrement	-599~+599s
Max. cooling rate	5°C/s	Temp. increase/decrease	-9.9~+9.9°C
Temp. uniformity	±0.25°C	Program pause function	Yes
Temp. accuracy	±0.20°C	16°C Insulation	Forever
Temp. display resolution	0.1°C	LCD	5 inch, 800×480 Pixel
Temp. control method	Block/Tube	Program storage quantity	> 100
Gradient temp. uniformity	±0.3°C	Communication Interface	USB 2.0
Gradient temp. accuracy	±0.3°C	Input power	24V,8A
Gradient temp. range	30-99.9°C	Dimensions	W.200×D.230×H.85mm
Gradient temp. difference range	0.1-30°C	Net weight	3.2kgs
Single step time range	1-59m59s(0 is forever)		