



P-16 Mini Thermal Cycler

Thermal Cycler

Introduction

Mini Thermal Cycler is an ultra-light and ultra-thin thermal cycle gene amplification instrument. Widely used in molecular biology, criminal investigation, disease research and other fields. Mini portable for car use.

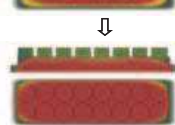
Features

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.
3. The bottom shell with one aluminum carved processing, not only exquisite and solid, but also greatly enhance the heat dissipation performance.
4. 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.
5. User login, authority management, password protection function, ensure data security, administrator can clear users, large data storage, the machine can store more than 100 files.
6. The ingenious elastic hot cover structure design, adapts the test tubes of different heights to ensure the best conditions for the test.
7. Real-time temperature display, more conducive to controlling the sample temperature.
8. The hot cover temperature and hot lid working mode can be set, the hot cover can be switched on and off, and the tube temperature control mode and block temperature control mode can be selected to meet more different experimental requirements.

The heat transfer at the edge of the module is nonuniform



Block temperature is uniform



Parameters

Mod I	MP-16	Program max. cycle number	99
Temp. range	4~99.9°C	Time increment/decrement	-599~+599s
Sample capacity	16×0.2ml	Temp. increment/decrement	-9.9~+9.9°C
Max. heating rate	5°C/s	Program pause function	Yes
Maxi. cooling rate	4°C/s	16°C Insulation	Forever
Temp. uniformity	±0.25°C	LCD	5 inches,800×480 Pixel
Temp. accuracy	±0.20°C	Program storage quantity	> 100
Temp. display resolution	0.1°C	Communication Interface	USB 2.0
Temp. control method	Block/Tube	Power supply	12V 9.99A
Single step time rang	1~59m59s(0 is foreve)	Dimensions(mm)	W.200×D.230×H.85mm
Hot cover temp. range	30~105°C	Net weight	3.2kgs
Max. steps of the program	30		