

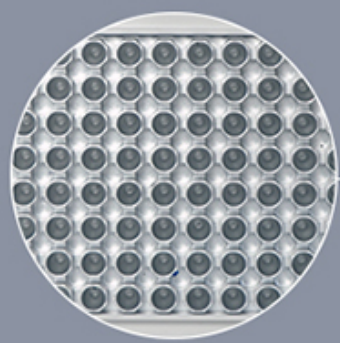
GRADIENT PCR INSTRUMENT

PR-96E

Same performance product! Half of the price!

Have appearance patents, utility model patents

Built-in software system with software copyright



EXQUISITE UI INTERFACE >>>



<<< THE MODULE TEMPERATURE UNIFORMITY IS EXCELLENT.



PR-96E



COMPACT SIZE

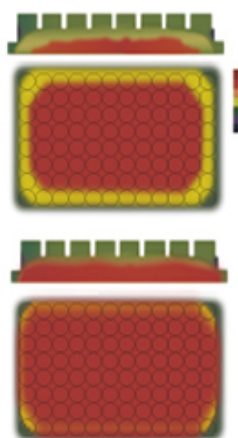
New and unique appearance, compact size.
The ingenious elastic hot cover structure design.



EXCELLENT TEMPERATURE UNIFORMITY

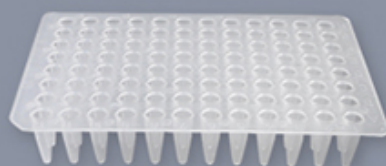
The latest generation of semiconductor technology, excellent augmentation performance, effectively eliminate the edge effect of module heat conduction, the module temperature uniformity is excellent.

Built-in multi-channel refrigeration film, several sensors are evenly distributed, the program temperature control is more precise.



✗ Eliminate uneven heat transfer at the edge of the block

✓ PR-96E:
Uniform block temperature



Can be used with 96-well PCR plate



PR-96E

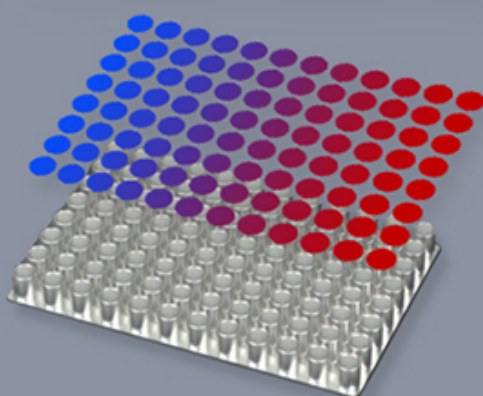
UNIQUE TEMPERATURE CONTROL TECHNOLOGY

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.



REAL-TIME DISPLAY OF GRADIENT DISTRIBUTION

Grads	1	2	3	4	5	6	7	8	9	10	11	12
	40.0	42.7	45.4	48.1	50.9	53.6	56.3	59.0	61.8	64.5	67.2	70.0



Temperature distribution interface

Gradient real-time distribution

The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions.

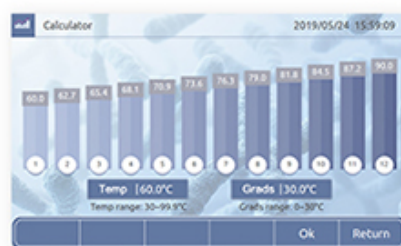
Real-time display of gradient temperature distribution, real-time temperature display, more conducive to controlling the sample temperature.



PR-96E

EXQUISITE UI INTERFACE

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.



User>Log in

2019/05/14 09:30:23

Current user: Adminb Total number of users: 99

Username	Level
1 Admina	Administrator
2 Adminb	Administrator
3 Adminc	Administrator
4 Admind	Administrator
5 Admina	Administrator
6 Adminf	Administrator

Buttons: Delete, PSW reset, Switch users, Return



STRUCTURE DIAGRAM

Hot cover button

5-inch display

Usb interface

Air vent

Switch

Power outlet

Hot cover

Fuse

Technical Parameter

PR-96E Gradient PCR Instrument

Model	PR-96E	Hot cover temp. range	30~110°C
Single step time	1~59m59s(0 is forever)	Max. steps of the program	30
Program max. cycle nu	99	Temp. range	4~99.9°C(Constant temperature 4°C)
Sample capacity	96×0.2ml	Time increment/decrement	-599~+599s
Max. heating rate	4.5°C/s	Temp. increase/decrease	-9.9~+9.9°C
Max. cooling rate	4°C/s	Program pause function	Yes
Temp. uniformity	±0.25°C	16°C Insulation	Forever
Temp. accuracy	±0.20°C	LCD	5 inch, 800×480 Pixel
Temp. display resolution	0.1°C	Program storage quantity	>100
Temp. control method	Block/Tube	Communication Interface	USB 2.0
Gradient temp. uniformity	±0.3°C	Input power	100~240V AC6.6~3.1A 50/60Hz
Gradient temp. accuracy	±0.3°C	Dimensions	W.185×D.280×H.160mm
Gradient temp. range	30~99.9°C	Net weight	4.3kgs
Gradient temp. difference range	0.1~30°C		

HANGZHOU MIU INSTRUMENTS CO.,LTD.

PROFESSIONAL MANUFACTURER OF LABORATORY INSTRUMENTS