



GRADIENT PCR THERMAL CYCLER BFJ105

GRADIENT PCR THERMAL CYCLER BFJ105

GRADIENT PCR THERMAL CYCLER



1. Long service life Peltier heating units.
2. High heating and cooling rate, max. Ramping rate 9.5°C/s, can save your precious time.
3. Gradient types are regular gradient, linear gradient.
4. Air channel is in front and back and it allows machine placed side by side.
5. Hot lid temperature is adjustable to meet different experiments need.
6. WIFI module built-in, one unit can control multiple PCR machine through computer or cell phone with internet connection.
7. Quick Experiment
8. Multiple Gradient Functions
Normal
Linear

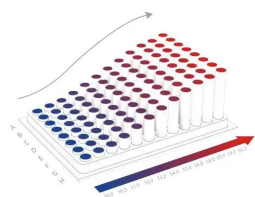
SPECIFICATIONS

Model	BFJ105
Capacity	96x0.2ml
Formats	0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Reaction Volume	5-100µl
Temperature Range	0-105°C
MAX Ramp Rate	7°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display Resolution	0.1°C
Temperature Control	Block/Tube
Ramping Rate Adjustable	0.01-7°C/s
Hold at 4°C	Forever
Gradient Temp. Range	30-105°C
Gradient Type	Normal/Linear
Gradient Spread	Horizontal: 0.1-42°C, Vertical: 0.1-30°C
Hot Lid Temperature	30-115°C
Number of Programs	200,000+ (USB FLASH)
Max. No. of Step	40 (Multiple nested PCR experiments)
Max. No. of Cycle	200 (Up to 100,000 in nested cycles)
Time Increment/Decrement	1s-600s, Long PCR is available
Temp. Increment/Decrement	0.1-10.0°C, Touchdown PCR is available
Pause Function	Yes
Auto Data Protection	Yes
Temperature Curve	Record hot lid and module temperatures in real time, with a 60-minute recording time on a single page and a sliding view
GLP Report	Record the running information of each step of the program, and can export CSV, PDF format report
File Encryption Function	Individual program files can be encrypted
User Management Privilege	Three levels of access (administrator, user, guest)
Email Notification	Email notification after experiment is over
Lock Screen Function	Prevents accidental termination of the program being experimented on
PC-LINK Function	Simultaneous on-line monitoring of more than 250 instruments
Mobile Phone APP	Simultaneous on-line monitoring of more than 250 instruments

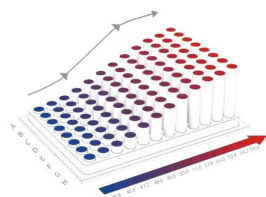
Communication	USB 2.0, WIFI
Dimensions	385mmx270mmx255mm(LxWxH)
Weight	10kg
Power Supply	100-240VAC,50/60Hz,600W
Alt Name	Gradient PCR Thermal Cycler

FEATURES

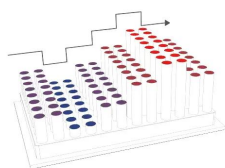
1. Long service life Peltier heating units.
2. High heating and cooling rate, max. Ramping rate 9.5°C/s, can save your precious time.
3. Gradient types are regular gradient, linear gradient.
4. Air channel is in front and back and it allows machine placed side by side.
5. Hot lid temperature is adjustable to meet different experiments need.
6. WIFI module built-in, one unit can control multiple PCR machine through computer or cell phone with internet connection.
7. Quick Experiment
8. Multiple Gradient Functions



Normal



Linear



Dynamic



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com