

NeoCycler Trio - Multi-block Thermal cycler

#Cat: NB-12-3024



Products Advantage

- 3 individual sample blocks allow 3 protocols running independently.
- 10" TFT Full Color touch screen, with wide viewing angles.
- New generation Peltier technology, allowing 1,000,000 run cycles.
- New generation Peltier technology, with ramping rate more than 7.5°C/s.
- New lever-style heat lid to lock up the lid pressure automatically, ensuring even pressure during running of protocol.

Model	NeoCycler Trio
Sample Block	3 Blocks 32 Wells 0.2 ml PCR tube with flat & dome cap
Heating & Cooling Technology	New generation Peltier technology allow 1,000,000 cycles
Display	10" Full Color Touch Screen with adjustable angle, and real-time gaps graphical display
Language	English
USB flash drive Function	Unlimited storage of protocols with USB flash drive; Backup use r's data
Communication Ports	USB 2.0 & LAN
TEMPERATURE	
Block Temp Range	0°C - 105°C
Max Heating Rate	7.5°C/s
Max Cooling Rate	6°C/s
Temp Uniformity	<±0.2°C (at 90°C)
Temp Accuracy	<±0.1°C (at 90°C)
Display Resolution	0.1°C
Ramping Rate Adjustable	0.1 - 5°C/s
GRADIENT	
Gradient Accuracy	<±0.1°C
Uniformity	Wells of Same Line Uniformity ≤±0.2°C
Gradient Range	30°C - 105°C
Temp Differential Range	1-25°C
Display of Gradient Temperature	Each individual block has 8 gradient temperatures
SOFTWARE	
Max. Number of Programs	Max.15,000 programs onboard, unlimited storage of protocols with USB flash drive
Max Step	30 Steps, multiple nesting cycles available
Max Cycle	100 Typical Cycles (multiple nesting allows 10,000 cycles)
Time Increment/decrement	1 - 600 sec, available for Long PCR
Temp Increment/decrement	0.1 - 10°C, available for Touchdown PCR
Auto Pause & Auto Restart	yes
Hold at 4°C	A below ambient Temp. incubation allow PCR products storage of overnight
Program Wizard	Pre-program template make the editing very easy through modify several parameters
Running Report	Provide full review of previously run protocols
HEAT LID	
Lid Temp. Range	30°C - 112°C
Open Method	Innovative TOP-OPEN technology, with even pressure of heat lid
Auto Shut-off	Lid will shut off automatically when the block Temp. falls below set t Temp

OTHER FEATURES	
Power	Global switch power supply: 100V-240V, 50-60Hz
Consumption	750W
Dimensions(L×W×H)	375×270×277mm
Net Weight	13KG