

Prima-TRIO™

Three Aluminium alloy blocks of 32 wells compatible
with 0.1 ml / 0.2ml PCR tubes



LA1006

with “ Three independently
controlled blocks”

HiMedia, one of the world's leading manufacturers of culture media and microbiological diagnostics reagents, has launched its PCR systems.

The **Prima-TRIO™** Thermal Cycler delivers proven reliability combined with enhanced features to meet your today's and tomorrow's PCR needs.



User profile

- DNA Cloning
- Genetic Engineering
- Sequencing
- DNA based 'phylogeny'
- Hereditary diseases
- Genetic fingerprints (forensic)
- Diagnosis of 'infectious diseases'

Exceptional Values

Industry-leading reliability & performance at an affordable price.

Unmatched Thermal Performance

Precise, uniform heating and cooling ensures superior reproducibility and highest quality results.

Effortless, Intuitive Programming & Operation

Powerful software is easy to learn and easy to use, even for new operators.

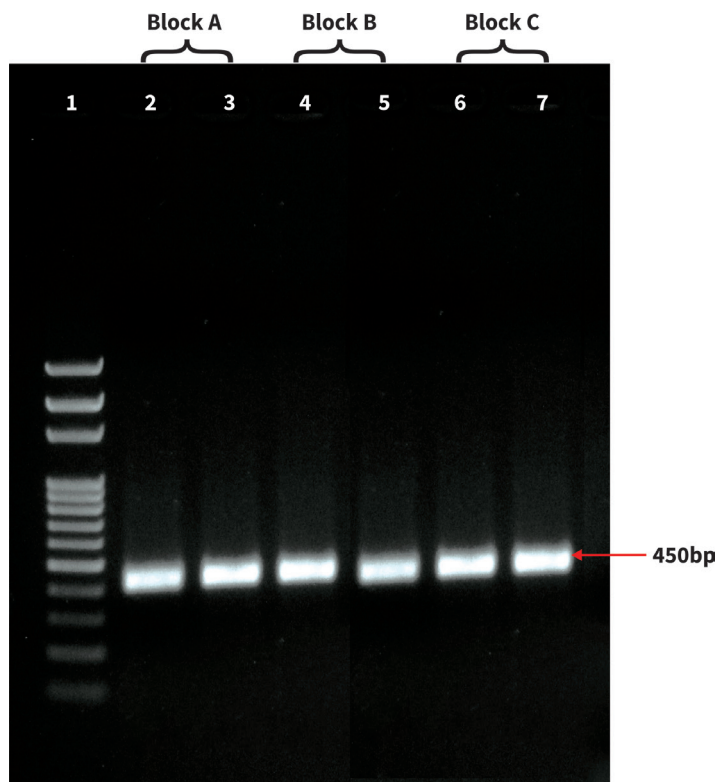
Sleek and Small Design

Compact design and size optimizes available bench space.

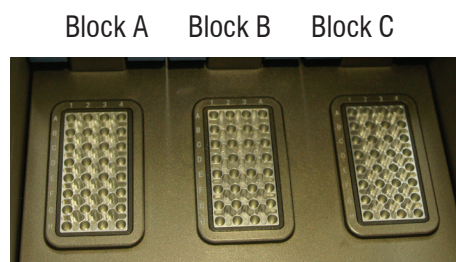
Salient Features

- 1) This PCR machine has 3 independent blocks. Each thermal block has 8 thermal gradient temperatures across 4 columns and peltier heating units to ensure accurate and uniform temperature across the block surface; helps users to replicate previous condition set-up.
- 2) 8" TFT color touch- screen with graphical display provides easy use for setting up and monitoring.
- 3) The actual and target temperature can be viewed and displayed graphically in real time.
- 4) Built-in 11 standard program file templates: Touchdown, Standard, Nested Primer, iTaq, iScript, iProof, Gradient can quickly edit the required files.
- 5) Internal flash memory for 10000 typical PCR files in free configurable folders.
- 6) Automatic restart after power failure
- 7) Compatible with devices such as mouse and keyboard and capable to transfer data and perform software updates via USB drive.
- 8) Compatible with the 0.2ml/0.1ml tubes.
- 9) Each thermal block has separate hot lid to control hot lid temperature.
- 10) Simultaneously control up to 11 pcr system by connecting single Ethernet Hub.
- 11) A convenient USB port is outfitted on systems for data transfer & product updates.
- 12) User password protected : secure system access

Performance data



Data of three same PCR programs ran simultaneously in blocks A, B & C of Prima-TRIO machine



Specifications

Product Code	LA1006
Product Name	Prima-Trio
Sample Capacity	3x(32x0.2ml)
Peltier Number	6
Block Material	Aluminum Alloy
Temperature Range	0~100°C
Heating Rate	4.5°C/ Sec
Cooling Rate	4°C/ Sec
Sample Ramp Rate	3.5-3.8°C / Sec
Control Accuracy	≤±0.3°C
Uniformity	≤±0.4°C
Control Mode	Block, Tube
Hot Lid Temperature	30~110°C, Stepless Adjustable, hot lid with pressure-protection
Gradient Mode	3 independently controlled blocks with each block have 8 thermal gradient temperature across 4 columns
Gradient Temp. Range	30~100°C
Reaction Volume Range	10-100 µl
Display Interface	8 inch, 800×600 pixels, TFT, Touch
Instrument Memory	10000 +(USB FLASH)
Auto restart facility	Yes
Temperature Time Increase / Decrease Progressively	Yes
Pause Function	Yes
Edit File While Running	Yes
Support for USB Mouse	Yes
Support for Touch Screen	Yes
Touch Calibration Option	Yes
Tm Calculator	Yes
No of Steps & Cycles	30 steps & 99 cycles
Ramping Rate Adjustable	0.1~4.5°C
Temp. Increment/Decrement	0.1~10.0°C
Time Increment/Decrement	1 Sec ~ 600 Sec
Connection	2USB2.0, Ethernet
Network Control	Yes
Email notification	Yes
Preloaded Protocols	Yes
PC Control Software	Yes
Input Voltage & Input Power	85~264VAC, 47~63Hz, 600 W
Footprint (DxWxH)	39×27×25.5 cm (15.3x10.6x10 inches)
Weight	9 kg (19.8 lb)
Standard Warranty	2 years
Certification	CE



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