

# Prima-Duo<sup>®</sup>

Two Aluminium alloy blocks of 48 wells compatible  
with 0.1 ml / 0.2ml PCR tubes

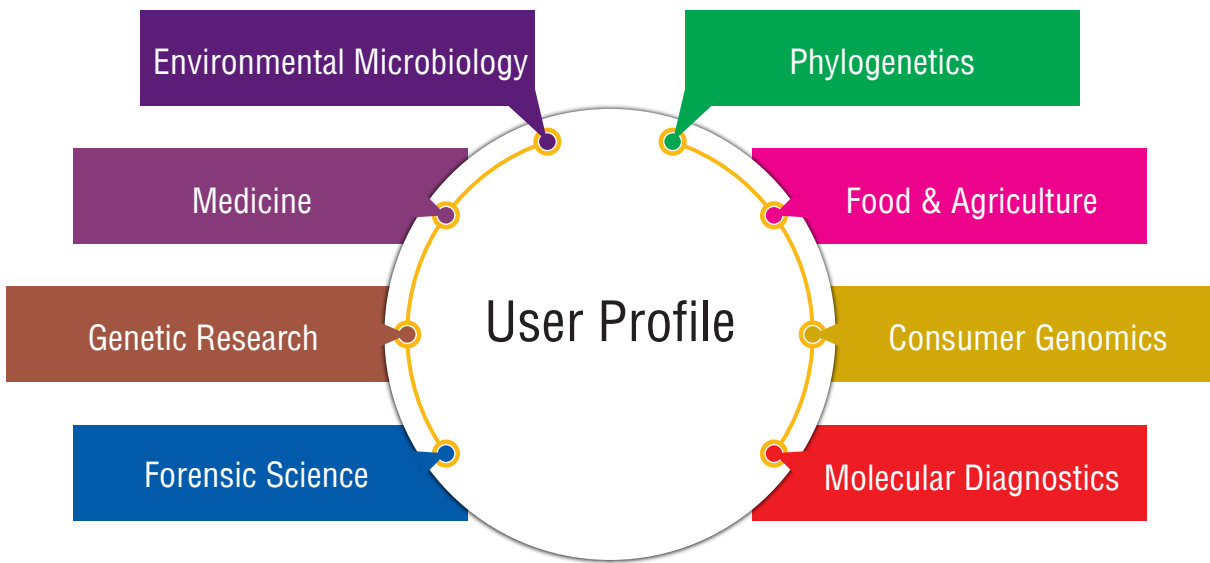


**LA948**

with "TFT, 8 inches,  
800 x 600 pixels, Touch Screen"

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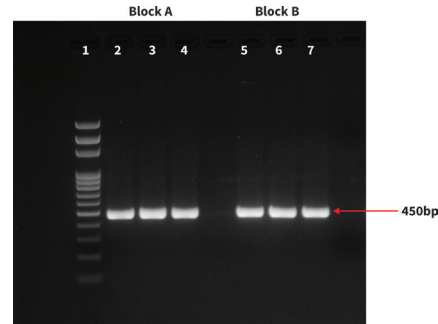
The Prima-DUO® Thermal Cycler delivers proven unparalleled reliability combined with best in class features to meet your today's and tomorrow's PCR needs.



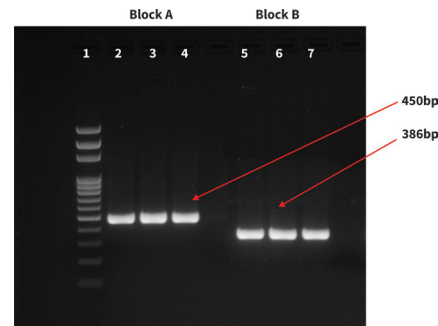
## Salient Features

- 1) Each thermal block has 4 independent temperature control sensors and 8 peltier heating units to ensure accurate and uniform temperature across the block surface; provide users for replicating 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) Dynamic ramping keeps incubation times constant
- 8) Compatible with devices such as mouse and keyboard and capable to transfer data and perform software updates via USB drive.
- 9) Compatible with the following 0.2ml/0.1ml tube models: non-skirted, semi and fully-skirted plates.
- 10) Replaceable module; the choice of a single-block module can run a single PCR program using a 96-well plate.
- 11) Simultaneously control up to 11 pcr system by connecting single Ethernet Hub.
- 12) A convenient USB port is outfitted on systems for data transfer & product updates.
- 13) User password protected : secure system access

## Performance data



Data of two different PCR programs ran simultaneously in blocks A & B of Prima-DUO machine



Data of two same PCR programs ran simultaneously in blocks A & B of Prima-DUO machine

## PCR Related Reagents

### Reverse Transcription Enzymes

MBT072

### Reverse Transcription Enzymes

MBT060	MBT060D	MBT069
MBT060A	MBT060E	MBT070
MBT060B	MBT068	MBT088
MBT060C		

### dNTPs

MBT054	MBT057	MBT059
MBT055	MBT058	MBT078
MBT056	MBT079	

### PCR Enhancers

MBT085	MBT086
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### PCR Master Mixes

MBT061	MBT089	MBT119
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## Specifications

Product Code	LA948
Product Name	Prima-DUO®
Sample capacity	48 x 0.2ml x 2
Peltier Number	8
Block material	Aluminum Alloy
Temperature Range(°C)	0-100°C
Heating Rate(°C/sec)	5°C / Sec
Cooling Rate(°C/sec)	4°C / Sec
Sample Ramp Rate	4-4.2°C / Sec
Control Accuracy(°C)	±0.1°C(30-99.9°C)
Uniformity(°C)	±0.2°C(30-72°C,10s)/±0.3°C(90°C,10s)
Control Mode	Block, Tube
Hot-lid Temperature(°C)	30-110°C
Gradient Range(°C)	1-30°C
Gradient Temp Range(°C)	30°C - 100°C
Reaction Volume Range	10-100 µl
Display Interface	8 inches, 800x600 Pixels, TFT, TOUCH
Instrument Memory	10000 files + (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 cycle
Connection	USB, Ethernet
Network Control	Yes
Email Notification	Yes
Preloaded Protocol	Yes
PC Control Software	Yes
Input Voltage & Input Power	AC85-264, 47-63Hz & 600W
Footprint(DxWxH)	38x24x26 cm (14.9x9.4x10.2 inches)
Weight	8.5 kg (18.7 lb)
Standard Warranty	2 years
Certification	CE



Literature Code : TL339-05/PCR Prima-DUO/0120

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