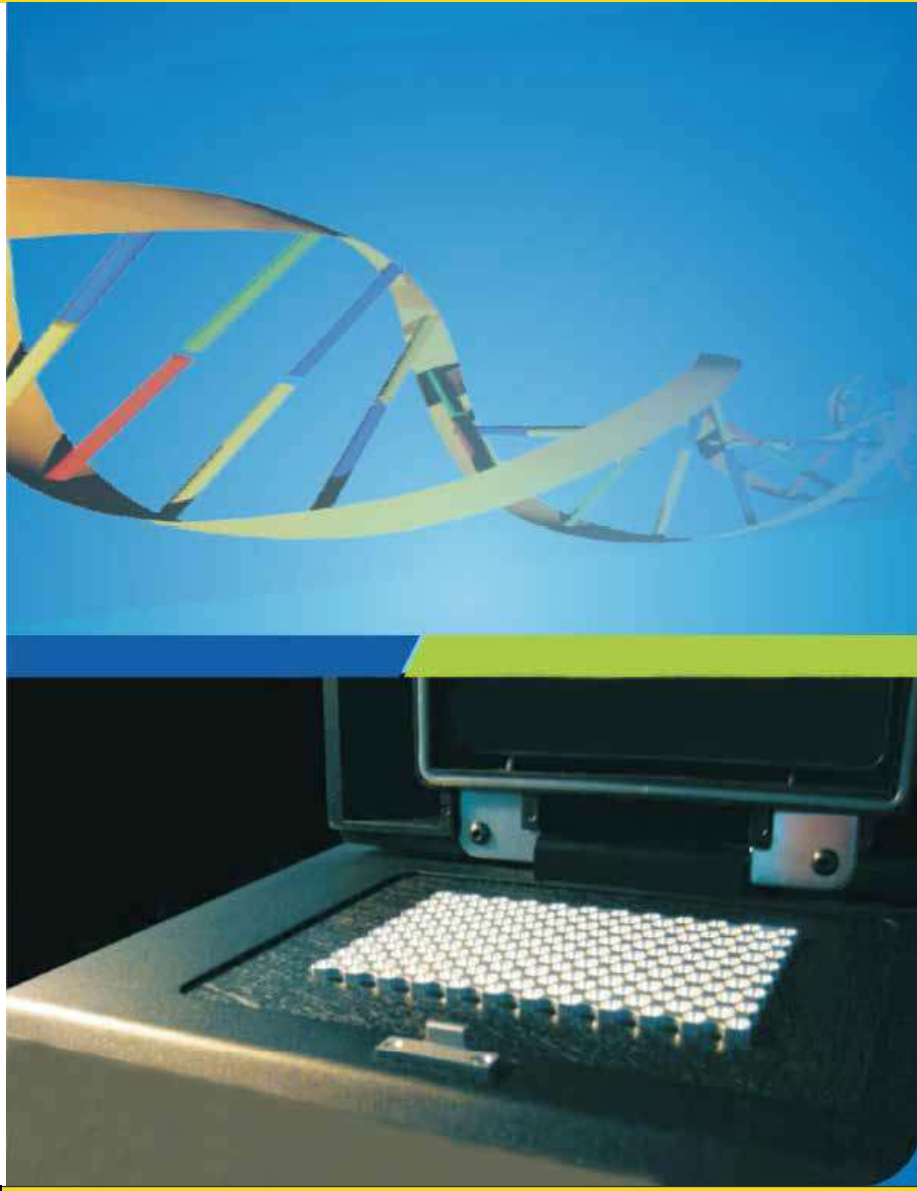


PCR



Combining the world's most sophisticated products and leading technologies, LongGene is one of the industry. Analytical achieve an optimized energy transfer and rapid ramping rate with advanced peltier technology and precise machine sample blocks of silver block with gold coating. Precise multi-zone temperature control implements the excellent uniformity. All devices have a built-in 2-in-1 combi-block makes it easier to adopt all kinds of tubes, strips and plates for experiments. It also helps to maximize the potential of the stepless adjustable heated-lid. There is no need to interchange the block, which saves costs and avoids any breakdowns.

- Premium Peltier Parts
- 2-in-1 Combi-block
- All Consumables Adoptable
- Proven Reliability & Durability
- Seamless Adjustable Heated Lid
- Easy-Operation Programming
- Comprehensive Software Support
- Compact, Light and Noiseless
- 2-year Manufacturer Warranty

Combi-Block 25

For 25 X 0.2ml Standard Tubes
 For 16 x 0.5ml thin-wall tubes
 For 5 x 5 Strips



Combi-Block 48

For 48 x 0.2ml Standard tubes
 For 48 x 0.5ml Standard Tubes
 For 6 x 8 Strips



Combi-Block 96

For 96 x 0.2ml Standard tubes
 For 77 x 0.5ml thin-wall tubes
 For 8 x 12 Strips
 For 12 x 8 Strips
 For 96 wells microplate
 For in-situ plate



Combi-Block 108

For 108 x 0.2ml Standard tubes
 For 88 x 0.5ml Standard tubes
 For 9 x 12 Strips
 For 96 wells microplate



Block 384

For 384 wells microplate



Flat Block

Flat surface for microarrays and biochips



In-Situ Plate

For In-Situ PCR
 For up to four In-Situ slides



Series	Standard	Gradient	Multi-Purpose	In-Situ
Model	AT2025+ AT2048+ AT2096+ AT2108+ AT2348+	AT2046G AT2096G AT2108G	AT2096+/Y AT2096G/Y	AT2096+/Y
Block Capacity	AT2025+ 25wellsx0.2ml + 16wellsx0.5ml AT2048+ 48wellsx0.2ml + 48wellsx0.5ml AT2096+ 96wellsx0.2ml + 77wellsx0.5ml AT2108+ 108wellsx0.2ml + 88wellsx0.5ml AT2348+ 384wells	AT2046G 48wellsx 0.2ml + 48wellsx0.5ml AT2096G 96wells x 0.2ml + 77wellsx0.5ml AT2108G 108wellsx0.2ml + 48wellsx0.5ml	96wellsx0.2ml + 77wellsx0.5ml and In-Situ Plate	Plat Block

Gradient

Gradient Accuracy	ON	$\leq \pm 0.3^{\circ}\text{C}$	$\leq \pm 0.3^{\circ}\text{C}$ (AT2096G/Y)	ON
Column Uniformity	ON	$\leq \pm 0.3^{\circ}\text{C}$	$\leq \pm 0.3^{\circ}\text{C}$ (AT2096G/Y)	ON
Gradient Range	ON	30°C~99.9°C	30°C~99.9°C(At2096G/Y)	ON
Temperature Differential Range	ON	1°C~30°C	1°C~30°C(At2096G/Y)	ON
Gradient Capability	ON	12Columns (Vertical)	12 Columns(At2096G/Y)	ON
Technology	Peltier			
LCD	Large-size Blue LCD			
Power Supply Range	110V \pm 10% 220V \pm 25%, 50/60Hz			
Dimension (LxWxH)	AT2025+: 267x220x253mm / Others: 315x240x275mm			
Net Weight	AT2025+: 65kg / Others: 8.8kg			

Temperature

Block Temperature Range	0°C~99.9°C
Max. Block Heating Rate	3°C/S
Max. Block Cooling Rate	2°C/S
Block Uniformity	$\leq +0.2^{\circ}\text{C}$
Block Accuracy	$\leq +0.2^{\circ}\text{C}$
Display Resolution	1°C
Mode of Temperature Control	Sim-Tube & Block Mode
Ramping Tare Adjustable	0.1°C ~ 0°C

Programming

Memory	125 Typical Programs
Max. no. of Cycle	99
Time Increment / Decrement	1 ~ 60s
Tomp. Increment / Decrement	0.1 ~ 10.0°C
Auto Pause	Yes
Auto Restart	Yes
Hold at 4°C	Forever
Running time Display	Yes

Heat Lid

Heated Lid Temperature	105°C
Height of Heated Lid	Seamless Adjustable
Auto Shut off	Yes

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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