

PCR



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

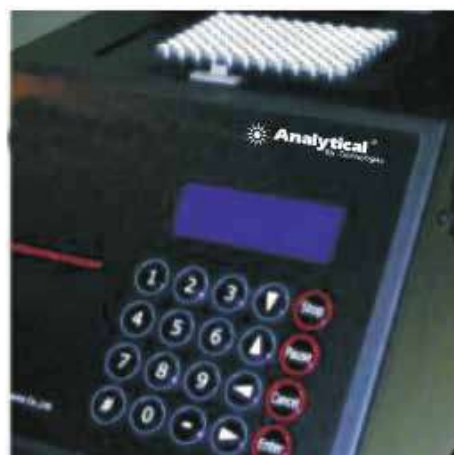
An ISO 9001 Certified Company

www.analyticalgroup.net

Combining the world's most sophisticated products and leading technologies, LongGene is one of the best in the industry. LongGene achieve an optimized energy transfer and rapid ramping rate with advanced peltier technology and precise machine sample blocks of aluminum alloy. 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.

►► **Futures:**

- 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 Manufactory Warranty



►► **COMBI-BLOCK 25:**

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



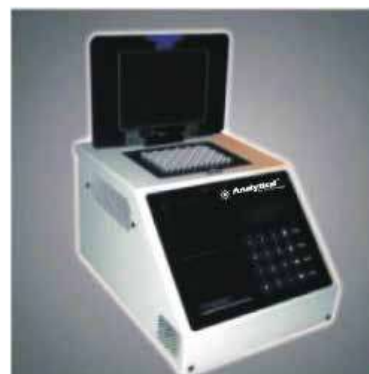
►► **COMBI-BLOCK 48:**

FOR 48 X 0.2ml Standard tubes
 For 48 X 0.5ml thin-wall 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 6 X 12 Strips
 For 12 X 8 Strips
 For 96 wells microplate
 Fir In-situ plate



►► **COMBI-BLOCK 108:**

FOR 108 X 0.2ml Standard tubes
 For 88 X 0.5ml thin-wall tubes
 For 9 X 12 Strips
 For 96 wells microplate



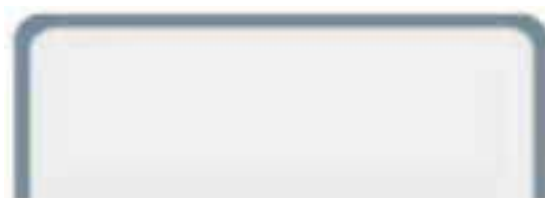
►► BLOCK 384:

FOR 384 wells microplate



►► FLAT BLOCK:

Flate surface for microarrays and biochips



►► IN-SITU PLATE:

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



►► Specifications:

SERIES	STANDARD	GRADIENT	MULTI-PURPOSE	IN-SITU
Model	AT 2025+ AT 2048+ AT 2096+ AT 2108+ AT 2384+	AT 2046G AT 2096G AT 2108G	AT 2096+/Y AT 2096G/Y	AT 2096+/Y
BLOCK CAPACITY	AT 2025+ 25wells x 0.2ml + 16wells x 0.5ml AT 2048+ 48wells x 0.2ml + 48wells x 0.5ml AT 2096+ 96wells x 0.2ml + 77wells x 0.5ml AT 2108+ 108wells x 0.2ml + 88wells x 0.5ml AT 2384+ 384wells	AT 2046G 48wells x 0.2ml + 48wells x 0.5ml AT 2096G 96wells x 0.2ml + 77wells x 0.5ml AT 2108G 108wells x 0.2ml + 48wells x 0.5ml	96wells x 0.2ml + 77wells x 0.5ml and In-situ Plate	FLAT Block
GRADIENT				
Gradient Accuracy	NO	≤±0.3°C	≤±0.3°C (AT2096G/Y)	NO
Column Uniformity	NO	≤±0.3°C	≤±0.3°C (AT2096G/Y)	NO
Gradient Range	NO	30°C~99.9°C	30°C~99.9°C (AT2096G/Y)	NO
Temperature Differential Range	NO	1°C~30°C	1°C~30°C (AT2096G/Y)	NO
Gradient Capability	NO	12 Columns (Vertical)	12 Columns (AT2096G/Y)	NO

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+: 6.5kg / 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	$\leq \pm 2^\circ\text{C}$
Block Accuracy	$\leq \pm 2^\circ\text{C}$
Display Resolution	1°C
Mode of Temperature Control	Sim-Tube & Block Mode
Ramping Rate Adjustable	1°C~3°C
PROGRAMMING	
Memory	125 Typical Programs
Max. No. Of Cycle	99
Time Increment/Decrement	1~60s
Temp. 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

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

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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