

PCR - 3096

PCR Detection System



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

Analytical Technologies Limited

An ISO 9001 Certified Company

►► Features

- Whole block scanning and formulated hne scanning mode, 96-well double-colour scanning takes only 5.5s
- 6 channels fluorescence detection.no cross talk between different channels.
- Unique bottom detection.compatible to reaction volume down to 5μl
- New automatic hot lid.automatic open and close which is prevent reagent evaporation
- LED excitation light source with super long service life
- New TE module with special technique to ensure long service life
- Available for a variety of scientific research and clinical applications.

►► Technical Parameters

Product Name	PCR Detection System
Model	PCR 3096
Sample Capacity	96*0.2ml PCR plate, 12*8-strip tubes, 96*0.2ml single tube (Transparent Bottom)
Reaction system	5 ~ 100μl
Dynamics Range	1 ~ 10 ¹⁰ Copies
Medical instrument registration certificate	G.X Z. 20153400273
Channel	4
Emission Wavelength	500-800nm

Detection path	F1	F2	F3	F4	F5	F6
Suitable Fluorescent Dye	FAM,SYBR GREEN I	HEXNIC/TETf JOE/CY3/NED/ TAMRA	ROX, TEXAS-RED	Cy5	Cy5.5	Reserved Path
Excitation Wavelength	300 ~ 800nm					
Detection Wavelength	500 ~ 800nm					
Module Temp Range	4~105°C(resolution:0.1°C) with SOAK Low Temp storage Function					
Ramp Rate	4.0°C/s(max)					
Temp. Control Accuracy	±0.1°C					
Temp. uniformity	< ±0.3°C					
Temp Control Mode	Block mode and Tube Mode (Automate control based on micro level)					
Optional Accessories	Windows Tablet PC					
Gradient Temp. Range	1-36°C					
Hot-lid Temp. Range	30-110°C(Adjustable, Default by 105°C and Automatic Hot-lid)					
Fluorescence intense Detection Repeatability	5%					
Scanning Mode	Full plate scanning and designated line scanning					
Programming	Max 20 Segments for Each Program, Max 99 Cycles					
Operation Mode	Continuous					
Scanning Time	5.5s					
Special Function	Absolute quantitative automatic analysis. relative quantification, SNP Analysis, melting curve analysis, 6 independent temperature zones, HRM multi-channel crosstalk calibration, background correction, auto gain, customized parameters,etc					

Operation System	Microsoft: Windows 7 Windows 8.1 Windows 10 Software: excel 2000 2002/2003/2007/2012
Min-computer Configuration	RAM: 512M, hardware space: 10GB CPU: Pentium 4 virtual memory $\geq 1000\text{MB}$
Power Supply	100-240V 50/60Hz 600W
Dimension(L*W*H)	410*386*352mm
Port Method	Support USB and RS232 data port and Bluetooth port
Certification	Ferrotec Peltier/CE/EMC RoHS 2.0/PICC Product quality liability insurance/IVD/MET
Packing Size	720*680*640mm
Gross Weight	55kg

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.

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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
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Ion Chromatograph



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system

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Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

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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.



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