

# RTPCR - 3080

## Portable RTPCR



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Portable RTPCR

## ►► **Smarter Tool, Lower Cost, Personalized Care**

Portable RTPCR is a robust, unique and as precise as any large-scale apparatus.  
Our system provides you with precise test results quickly and cost-effectively anywhere, anytime.

## ►► **Features :**

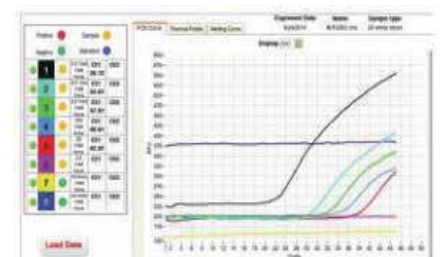
Portable : 12V DC, energy efficient  
User friendly : Simple interface  
Small footprint : From desktop to laptop, only 2.1 Kg  
High sensitivity : As low as 1 copy  
Sample capacity : 8\*0.2m1 PCR tubes  
Two channels : SYBR/FAM, ROX/Texas Red  
Open system : Compatible with most commercial reagents

## ►► **Operation System :**



Sample Well	1	2	3	4	5	6	7
Sample Name	<None>	<None>	<None>	<None>	<None>	<None>	<None>
Sample Type	Unit	Unit	Unit	Unit	Unit	Unit	Unit
Fluorophore CH1	None	None	None	None	None	None	None
Fluorophore CH2	None	None	None	None	None	None	None

Select Plate



## ►► RTPCR Operation System

## ►► **Work Flow :**



## ►► Specifications :

Optical	Light Source Detector	High power LED Photodiode
Thermology Parameters	Heating/Cooling model	Peltier
	Ramping Rate (Max.)	3°C /s
	Thermal Uniformity	±0.2°C
	Thermal Accuracy	±0.2°C
	Temperature Range	4-100°C
	Sample Format	8 Wells
Operational	Reaction Volume	10-150µL
	Warm up time	1 min
	Sensitive of Detection	1 Copy
	High Resolution melt	Supported resolution to 0.5°C
	Multiplexing	Detect upto 2 Dyes Simultaneously, 470/520 nm & 565/625 nm
Physical	Dimensions	205 x 190 x 98 mm (LxWxH)
	Net Weight	2.1kg
Computer Configuration	PC Requirement	WIN2000; XP; WIN7; WIN8
Environmental Requirement	Ambient Temperature	Operation Temp : 15-30°C
		Storage Temp : 10-60°C
	Ambient Humidity	Operation Humidity : 15-90%
		Storage Humidity : 5-95%

## ►► Servicing, Validation, Trainings and Preventive Maintenance :

- Servicing** : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings** :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC** : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations** : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- 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 globe. Analytical Technologies Limited is an ISO :9001 Certified Company engaged in Designing, Manufaturing, 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 Partical  
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](mailto: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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