

IT - 2080TS

Intelligent UV/Vis Spectrophotometer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ Pleasant Operation Experience

The high-resolution (1024*768) dot matrix 7-inch color touch LCD display enables convenient operation with single touch of a finger. The simple and user-friendly interface makes operations easy and intuitive

▶▶ Application of New 'Cloud Technology'

The IT series adopt cloud technology. Data can be easily saved in cloud storage. It greatly facilitates application scenarios for users. "Small Program" Solves Big Problems

▶▶ Super Cost-Effective

The IT series comprehensively upgrade core components. Select high-resolution C-T monochromator with blazed holographic grating, and 24-bit high precision chip from American AD company. These enables the instrument to possess the quality of high end spectrophotometer including low stray light (less than 0.1T%), high precision, and high stability (0.002A).

▶▶ Large Built-in Storage Space, Support User-Built Curves

The series have a powerful storage capacity, which can store 2000 data and 97 working curves.

▶▶ Multi-Interface Data Transmission

The instruments offer USB interface, WIFI module, and Bluetooth module. It enables wireless Bluetooth printing and can be connected with optional PC software for fast management of spectral data and convenient data processing. Data can be directly exported and saved to a USB flash drive, opened and edited by EXCEL.

▶▶ Multiple Measurement Modes

Support fast scanning, automatic wavelength setting, and automatic lamp switching. When connected with PC software, the instruments can perform spectrum scanning, kinetics, quantitative measurement, DNA\Protein test, wavelength superposition, integral derivation, and other advanced functions.

Model	2080TS
Optical System	Single Beam
Monochromator	C-T monochromator, Blazed Holographic Grating 1200lines/nm
Wavelength Range	190-1100 nm
Spectral Bandwidth	4nm (2nm Optional)
Wavelength Setting	Auto
Wavelength Accuracy	±1nm
Wavelength Repeatability	±0.5nm
Photometric Accuracy	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric Repeatability	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric Stability	±0.15%T, ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Lamp Switching Mode	Auto
Photometric Range	0-200%T, -0.3~3A
Stray Light	0.1%T
Stability	0.002A (500nm, 3min)
Noise	0.15%T
Work Mode	T, A, C, E
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Display	7" TFT Colored Capacitive Touch Screen
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Silicon Photodiode
Cuvette Holder	10mm manual 4-cell holder
Output	USB, Bluetooth, WIFI
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	810*660*390mm
Gross Weight	27kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV), Power cord, Manual

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



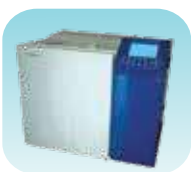
UV/VIS
Spectro 2080+
Double Beam



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.



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide