

NIR Spectrophotometer

NIR-S3410



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► COMMON FEATURES :

- Transmission NIR, mainly used for liquid samples qualitative and quantitative analysis, applies to gasoline, drinks, milk and other areas of nutrients, water chemistry and other physical properties of the rapid non-destructive analysis determination.
- Single-channel whole spectrum scanning.
- NIR analysis software with laptop, full automation, many regular function, spectrum pre-process, model test and distract, self-test correction, sample analysis, scanning curve storage/ display/-comparison, print.
- Quantitive analysis process of gasoline octane value/ antiknock Coefficient /EP value is veryshort, gasoline Ron model correlation coefficient ≥ 0.97 .
- Easily updated. Fast scan, wavelength calibrate time from 900nm to 1700nm less than 2 minutes. Built in SCM technology, auto 0% and auto background subtraction.

►► SPECIFICATIONS :

WL Range	900-1700nm
WL Accuracy	$\pm 1\text{nm}$
WL Reproducibility WL	$\leq 1\text{nm}$
Scanning Interval	1nm、4nm、8nm、16 nm
Absorbance Reproducibility	0.002A (at 0.4A)
S/N	≥ 103 (at 1500nm)
Application field	liquid dope samples(gasoline, drink and milk, etc)
Optical system	grating monochromator
Detector	InGaAs
Interface	RS232 serial port
Dimensions	570x370x240 mm
Weight	18Kg

►► ATL NIR Analysis Software :

Application Type	Quantitative or Qualitative
Modeling	Improved PLS, Artificial Nerual Networks
Model Transfer	Slope/Intercept correction, single-sample model transfer, etc
Spectrum pretreatment	Centricity, First and Second Derivative, Vector Normalization Additional scatter correction.

►► Standard Accessories :

S3410 Spectrometer	1 Set
Power Cable	1 Pc
User Manual	1 Pc

S3410 Data processing software package	1 Set
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►► Optional Accessories :

- Fuse(2A) — Communication Table

►► 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

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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