

Analytical Technologies Limited

Double Beam UV-VIS Spectrophotometer

Spectro 3366 plus



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ UV-3366 UV-VIS Spectrophotometer

High Cost Performance



Low stray light $\leq 0.03\%T$
0.5nm resolution
Various spectral bandwidth selection



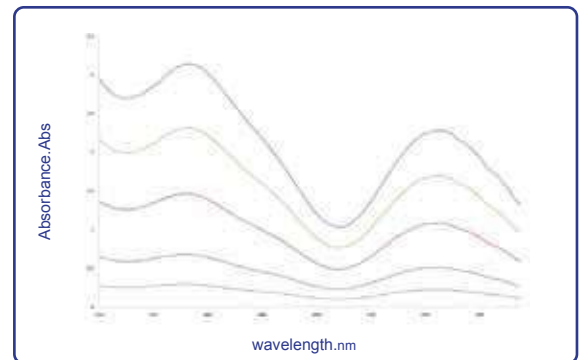
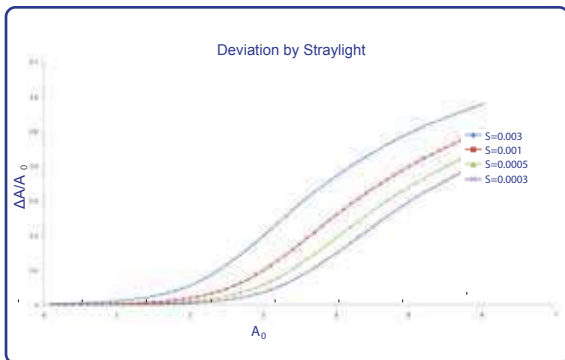
Built-in formulas and methods,
operable both via panel and
workstation



TFT color screen & compact
design; Complete connectivity:
LAN, USB host & device

▶▶ Ultra-low stray light design for more precise measurement

Stray light $\leq 0.03\%T$ under each bandwidth



Easy to Use

Support Flash disk storage and USB print
Connectable to PC via LAN and USB ports

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▶▶ UV SPECTRA Control 21CFR/FDA Compliant Software

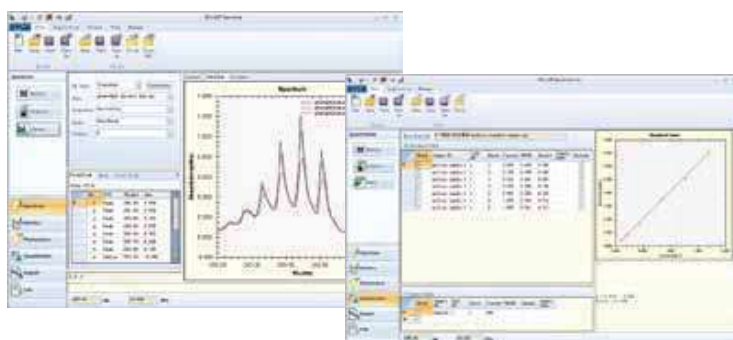
Friendly Interface

UV workstation adopt intuitive RIBBON style interface design. With the help of build-in measuring mode, UV can easily meet the need from basic measurement to sophisticated research analysis. By dividing the measuring process into “3-Steps”, user could comfortably accomplish the process from method edition, measuring operation and results reporting.



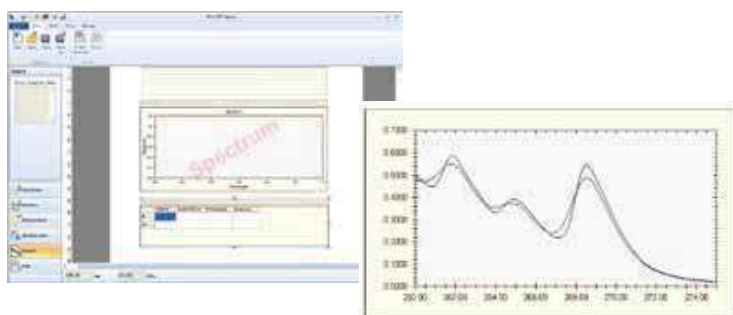
Versatile test solutions

UV includes all your needs for spectrum scanning, kinetic testing, photometric measuring and quantitative analysis. With robust data processing function such as interpolation method, grand average, arithmetic and data set, UV satisfy the most sophisticated application requirements.



Flexible report design

UV report editor is powerful and flexible, by adopting the principle of “what you see is what you get”, you can input related data in right position based on requirements. The report can be saved as template for future usage.



Flexible report design

UV is totally compliance with GLP/GMP/21CFR/FDA regulatory. It ensures the data authenticity & standard ability by build-in user account access control, audit trail and encrypted data saving algorithm.



Temperature Control

Peltier temperature controller with temperature range:20°C to 50°C
Temp accuracy $\pm 0.5^\circ\text{C}$

►► Spectro 3366 plus Accurate & Powerful



Double-beam and split beam designs.



Ultra-low stray light $\leq 0.03\%$



0.5nm optical resolution with 4 options of spectral bandwidth, 0.5/1/2/4 nm



Versatile test solutions, with built-in bio-analytical methods



7" TFT screen WVGA (800 x 480), water-proofing keyboard design



Support storage & printing with USB devices, Controllable by UV workstation for extended functions.

Spectro 3366 plus UV-VIS Spectrophotometer could help you to accomplish various analysis by its advanced desing and user-frindly interface, With it's build-in high resolution color screen and water-proof keyboard, you can easily scan spectrum, monitor kinetic, measure unknown sample concentration or even print the report directly via simple operation.

Performance Parameters of Spectro 3366 plus

Model	Spectro 3366 plus
Light Path	Double beam
Spectral Bandwidth	0.5/1/2/4nm
Wavelength Reproducibility	0.1 nm
Wavelength Accuracy	±0.3nm
Wavelength Range	190-1100nm
Wavelength Repeatability	±0.05nm
Noise	±0.00004A
Drift	0.0005Abs/hr
Detector	silicone photodiode
Stray Light	≤0.03%T
Lamp	Tungsfen-halogen & Deuterium Lamp
Photometric Range	-4 to 4 Abs transmittance 0% to 400%
Photometric accuracy	±0.05nm
Baseline stability	±0.0005A/h
Measurement modes	transmittance, absorbance, reflectance, time scan and quantitative
Spectrum scanning	Standard
Scan Speed	Hi Med Slow, Max 10000nm/min
Screen	7" TFT color screen WVGA (800x480)
Direct Printing	Available
USB Storage	Available
Built-in Methods	Available
Workstation	Available

▶▶ Accessories

- **Automatic 8-cell holder**

Enable the automatic switching and measuring of eight 10 mm square cuvettes

- **Soild sample holder**

Used for transmittance/absorbance measurement of a solid sheet sample Sample Size: 80L x 40W x 20H mm

- **Absolute Reflectance Attactament**

Used for tasting materials with optical sureface, or semi-conductive materials. 5o Incident: angle canreduce the polarized light to the least to the least. Max. sample Size: 100L x 160W x 15H mm

- **Rectangular long-path cell holder**

Holds two long path cells (light path 5-100mm)

- **Integration sphere**

Designed for diffuse reflectance measurement of solid sample sureface and absorbance measurement of a turbid sample. Wavelength: 230-850nm, ID of sphere:60mm.

- **Diverse types of cuvettes**

Diverse Quartz and glass cuvettes with different light path and volume.

▶▶ **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 PLC principles, operations, troubleshooting.
- Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/ GMP/U SFDA 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 globe. 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 2060+ Double Beam	FTIR	Gas Chromatograph 3000	Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi-Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	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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