

FTIR - INFRA3005

Fourier Transform Infrared Spectrometer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

The combination of small size, reasonable price, and superior performance makes the FTIR - INFRA3005 Fourier Transform Infrared (FT-IR) spectrometer a well-deserved entry-level spectrometer.



Compact and durable

Superior performance

Sampling flexibility

Easy to operate

All kinds of application

Features:

The FTIR - INFRA3005 Fourier Transform Infrared (FT-IR) spectrometer is designed for trouble-free operation in harsh environments.

- Diode laser ensure trouble-free operation for many years
- User can replace parts by themselves, reducing maintenance costs
- Wide range of temperature and humidity adaptation condition
- Permanent alignment interferometer provides excellent mechanical properties, ensuring resistance to vibrations and high temperatures

Easy maintenance:

- User can replace parts: light source, desiccant, power supply, sample chamber windows
- The IR source and desiccant can be replaced without the need to open the optical platform and without the need for specialized service personnel



Specifications:

Humidity	Sealed design to resist ambient moisture
Interface	Network interface
Beamsplitter	KBr on Ge beamsplitter, optimized for the mid-infrared region (option: ZnSe beamsplitter moisture-proof)
Laser	Long-life solid-state diode laser
Validation	Comply with the requirements of the Pharmacopoeia
Power Supply	100-240V;50-60Hz
Length	357 mm
Width	395 mm
Height	243 mm
Source	High-energy MIR SiN light source; It can be replaced by the user
Spectral Range	8000-350 cm ⁻¹
Detector	Pyroelectric detector with fast response

Accessories:

ATR sampling accessory



Transmission sampling accessory



Diffuse sampling accessory





Specular sampling accessory



Gas cell sampling accessory

Applications



Pharmaceutical



Industry QA/QC



Plastics/Polymers

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



LCMS



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



UHPLC



HPTLC



Ion Chromatograph



Production HPLC



HPLC



Column



DLS



Water purification system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

ANALYTICAL FOUNDATION is a Nonprofit Organization (NGO) for the purpose of:



Analytical Foundation

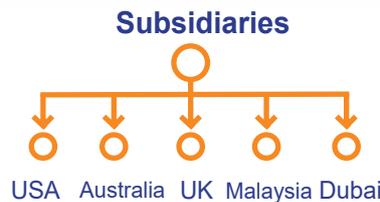
1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personalities for their contributions 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 DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

▶▶▶ Reach us @



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