

OES - 3100

Optical Emission Spectrometer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- There are many things, which cannot be achieved on single CCD with poor grating resolution. We are introducing India's ever first fully automatic autoprofiled regulated source Multi CCD Optical Emission Spectrometer.

- We had not adopted the old single CCD technology. We know well the limitations of single CCD. Poor resolution, more interferences, low signal to noise ratio, pixel shifting spectra, unstable results, frequent standardization, difficult global calibration, poor detection limits.

- Optics is the heart of any soectrometer. We had designed full flexible optics. Which can be configured to the specs. We can select grating, number of CCD's wavelength range depending upon the customer specs.

►► TECHNICAL SPECIFICATIONS

OPTICAL SYSTEM

- Multi CCD Detector
- Dispersion by Superior Grating
- User Specific Wavelengths
- Normally 170 to 410 nm
- Unlimited element channels
- Selection by software
- Multi base single instrument
- Automatic profiling by software
- Temperature stabilized
- Completely Sealed optics

SPARK STAND

- Easily accessible sample stand
- Designed for easy cleaning
- Argon Flushed
- Tungsten electrode

SOURCE

- Regulated excitation source
- Fully computer controlled
- Unipolar discharge
- Frequency: 5 Hz to 1000 Hz

CONROL AND DATA PROCESSING

- Contains built in Pentium PC
- Windows 98 based Software
- Portable Pen Ram Drive
- Latest USB Port

SOFTWARE OPERATION

- User friendly menu driven software
- Factory calibrated
- User configurable alloy standardization
- Facility of delete bad RUNS
- Display of mean and SD/RSD
- Post report generating facility

ELECTRICAL REQUIREMENTS

- 170 to 270 VAC, 50 Hz
- In built voltage stabtizer

WEIGHT

- 35 Kgs. (Approx)

ENVIROMENTAL

- Operating: 10 to 50 Deg. C
- Storage : 0 to 35-Deg. C

DIMENSION

- 27 x 24 x 8 inches

Features of OES 3100

- Indian Make
- Precise & Aceurate
- Improved detection limits
- Stable & Compact
- Rugged & Reliable
- Auto Profiled
- Regulated Spark Source
- Better Resolution with Superior Grating
- Automatic Data Logging
- User - Friendly Software
- Ungradable to 11 Bases Only by Soft-ware
- Unlimited elements can be added only by Software
- At Affordable Cost

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, 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.



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