

DIGITAL SPIROMETER

SPR 4100 SERIES



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Specifications :

1. The system is able to measure spirometer and flow volume parameters and sub divisions, Maximum Ventilation Volume (MVV), Lung Volume including TLC, RV& FRC by multibreath Closed circuit Helium Dilution/ Nitrogen wash out.
2. Able to perform diffusion studies.
3. Broncho Provocation/ Histamine Challenge Test Software
4. System incorporate Precision Dry Rolling Seal Spirometer (11-13 Litres)/ heated Pneumotech for highest accuracy and reproducibility and Flow Volume Differentiator (Resistance less than 1 cm of H₂O / Litre/Sec
5. Volume resolution < 8ml
6. Accuracy < 0.5%
7. Flow Range+/- 15 Litre / Sec.
8. have linear analyzers for
9. Helium/Methane analyser: Range 0-15% Helium accuracy +/- 0.1 % or Methane analyzer- Range 0-0.35% CH₄, accuracy +/- 0.1%
10. "Carbon Monoxide Analyzer: Range0- 0.350%CO, Accuracy+/- 0.1%
11. Oxygen Analyzer: Range: Range 0-100% Accuracy +/- 0.1%
12. Gas Control Module with Automatic Filling circuit.
13. System have automated O₂ compensation during FRC test.
14. System also have fully automated Calibration/Test procedure with computer.
15. Computer specification: CPU corei5 2GB RAM; 150 GB Hard Disk Drive; High Speed DVD/ CD Rom, Serial and parallel ports; Keyboard, Mouse and Mouse Pad, Monitor size 15" and printer"

D. Accessories, Spares and Consumables

1. System as specified
2. Helium/oxygen cylinder -01
3. Helium Cylinder-01 b) Cylinders Diffusion Mixtures-02

►► 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



►► 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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