

IAGB - 3304

Inert Atmosphere GloveBox



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Application:

Heavy duty stainless steel structure glove box: a clean, air-tight, controlled environment for a wide range of researching processes in material science, chemistry, nano research and semiconductor and related industries.

►► Features:

- SIEMENS PLC control system with 7" touch screen display: easy to access all functions
- Recirculation system: closed loop gas circulation, oil free and vacuum tight.
- Automatically pressure control: working pressure can be set in the range of +/-12mbar
- Automatically purging: easy to operate and save gas, as well safe for operating solvent.
- Equipped with butyl gloves for immediate use.
- Foot switch: box pressure can be regulated via foot switch.
- Easy to access to gloves.
- Data memo: automatically log system's data.

►► Specification :

Unit Price (EX-WORK)	Pls feel free to contact us for quotation!
Material	Stainless steel 304
Air Lock Size	385mm Dia x 600mm L, made of 3mm thick SS304 (main) 168mm Dia x 300mm L, made of 3mm thick SS304 (small)
Main Chamber Size	1220mm L x 760mm D x 900mm H
Total Dimension	1935mm L x 790mm W x 1800mm H
Water Sensor	0~1000 ppm (Brand AII America)
Oxygen Sensor	0~1000 ppm (Brand MICHELL England)
Vacuum Pump	Included oil mist filter. Vacuum Rate: 4L/S (Brand ULAVC Japan or EDWARDS)
Glass	Tilt Windows, transparent toughened glass; thickness: 12mm
Oxygen Sensor	0~1000 ppm (Brand MICHELL England)
Leak Rate	<0.05 vol%/h
Gas Purification System	1) Made of SS 304 and automatically regenerated 2) One H ₂ O/O ₂ purifier column designed to maintain O ₂ & H ₂ O < 1 ppm 3) 0.3um gas inlet and outlet filter
Pressure Control	Automatically controlled by PLC, Working pressure can be set in the range of +/-10mbar, when over +/-12mbar
Circulation System	Oil free & Vacuum tighten. 0-60 CFM continuously variable blower
Regeneration	Automatically program regeneration (The gas purification unit is able to absorb 30L of O ₂ and 1.3Kg of H ₂ O before regeneration)
Working Gas	Nitrogen, Argon or Helium
Regeneration Gas	Working gas / H ₂ mixture, 5-10% H ₂
Circulation Tubes	stainless steel 304, corrugated tube
Glove Ports	PBS material
Glove Box Gloves	2 Butyl Gloves (Standard), dia in 180mm, Long in 800mm
Lighting	fluorescent lamp above the front window
Power	single phase, Standard 204- 240VAC (50/60Hz), 110V version is available with a transformer

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.

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Optima Gas
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Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



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Hematology
Analyzer



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Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
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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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