

Bio Safety Cabinet

BS - 3017



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Specifications:

- Low Cost
- Low Noise
- User Friendly Ergonomic Design
- Class II Type A2 Complaint
- Controlled Environment Particulate Free Product Protection
- Work area surrounded by negative pressure, double wall plenums for protection
- Aerodynamic designed airflow grills maintains safety by preventing blockage
- Silent Vibration
- Free Blower ensure noiseless operation
- 70% of the air is re-circulated through the HEPA filter
- The contaminated air is drawn by the blower through the plenum of the cabinet
- 30% of the air is exhausted from work area
- Filtered Exhaust - protects ambient environment, and avoids build up, air borne particles
- The exhaust of Safety Cabinet is connected to the Virus Burn out Unit for product and personnel protection
- Basic material is Galvanized Iron Sheet duly epoxy powder coated
- Working table is made of Stainless Steel Sheet (SS-304 grade)
- Built in U.V. Germicidal light
- Fitted with cock - for gas, air or vacuum
- Microprocessor controlled functions with LCD display
- Working area is illuminated by fluorescent lighting fitted to the unit
- The blower and motor assembly is statically and dynamically balanced operates with minimum noise level
- Height of the working table provides comfortable "SIT DOWN" working position for the operator
- Supplied complete with power cord & plug to work on Single Phase 220 / 230 volts A.C. supply

►► **Technical Specification:**

Internal Dimensions (W x D x H) in feet	4 x 2 x 2
Construction material	Galvanized Iron Sheet duly epoxy powder coated
Table Top	Stainless Steel 304 Sheet
Front Door	Vertical manual sliding front door made of tempered glass (Thickness - 5 mm)
HEPA Filter	Media Ultra clean glass fiber paper –imported (Casing : Epoxy coated CRCA frame, Separator :Fine corrugated aluminum foils, Retention : 0.3 Micronv particles size, Efficiency: 99.995%
Control Panel	Separate switch for Fan, Fluorescent light, U.V light & Mains On/Off
Illumination	Fluorescent lighting
UV light	254 nm
Noise Level	<65dBA
Motor/Blower	Statically & Dynamically balanced
Overall Flow	70% re circulated , 30% exhausted
Inflow Velocity	0.45 m/s
Down Flow Velocity	0.3 m/s
Operations	Nearly silent operation with ultra-low vibration
Pressure Gauge	Manometer
Nominal voltage	220-240 Volts, 50 Hz Single Phase

▶▶ **Optional Accessories:**

1 LCD display with soft touch switches for Motor, U.V. Light, F.V. Light and U.V. Timer (With air flow velocity sensor)



2 Microprocessor based Touch screen display (4") system Complete real time operation like air flow display Touch operation for UV/Blower/ White light etc.



3 ULPA filter (Imported)

4 Automatic Motorized Front Door Lifting Arrangement

5 Magnehelic Gauge



▶▶ **HPLC Servicing, Validation, Trainings and Preventive Maintenance :**

- 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 : We offer user training both in-House and at customer sites on PLC principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/U SFDA norms.
- 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 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

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Analytical Foundation

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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.

4. buy our products and be a part of social cost of analytical foundation.

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