



AB - 3201 AUDIOMETRIC BOOTH CONSTRUCTION



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

Analytical Technologies Limited

An ISO 9001 Certified Company



>> Technical Specification

- The Audiometric Booths are modular in construction.
- Outer Panel Surface 1.6 mm CRCA Sheet
- Acoustic board 12mm thick.
- Acoustic Panels are 102 mm (4") Thick with an average weight of 50Kg/m².

ACCOUSTIC FELT

- For floors, walls, door and roof panels shall be sound retardant, absorbing, inert, and Mildew resistant and Vermin proof. Heat transfer factor shall be no more than 0.397 Wm C.
- High Density, Asphalt Free, Visco-Elastic, Sound Block Membrane to be applied for Sound Proofingin floor & Panel.
- 4mm Thic SoundBloc Layer
- 4mm thick Nitrile Acoustic Foam
- Covering with fire proof tissue paper.
- Windows shall be 750mm x 600mm (sizes may vary in some orientations) using 9 mm thick class contained within a 'pressure-sealed' aluminum trimmed frame.

ELECTRICAL

- All booths are provided with lighting operated from an adjacent switch. Power operation 240V, 50Hz.
- Provided four surface mounted 13 amp socket outlets beneath the window within the control Room power operation: 240v, 50Hz.
- 12Watt x 1 Nos. fluorescent ceiling Recessed lights operated from adjacent switch.
- Room shall be provided with the SBE silenced forced ventilation system (Low Noise Fan) Integrated into the ceiling panel.

02



JACK PANEL

• A jack panel consisting of nine, 6.4 mm three-pole jack sockets shall be provided below the window. This jack panel shall be designed and installed to preserve the acoustic integrity of the booth.

DOOR CONSTRUCTION

 One 604 mm wide X 1680 mm high (clear opening) for complete safety and effective Acoustic Control, Compression Neoprene seals are mounted on the top, bottom and sides of the door leaf.
Outer face fabricated out of 1.6 mm CRCA steel sheet. Inner face 0.7 mm perforated GI sheet & 1.2 mm thick steel framing

INCOROSION RESISTANCE

- Zinc passivity hardware is used to avoid rusting.
- All Audiometric Room are Supplied with polyester 70 micron powder coated color: RAL 9002 Grey /white. Floor covered in an anti-static carpet, color: Blue Blush or Client choice

DIMENSIONS

- Outer Dimensions: 5FEET (L), 5FEET (W), 8 FEET (H)
- Inner Dimensions: 4FEET (L), 4FEET (W), 7 FEET (H)

PERFORMANCE SPECIFICATION

Frequency	63	125	250	500	1 Khz	2 Khz	4Khz	8Khz	
Db (A)	33	31	39	50	57	61	68	62	NIC 51
Sound Absorption Coefficient	0.38	0.94	1.19	1.11	1.06	1.03	1.03	1.04	NRC 0.95

03



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicir	ng :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 Maintenace 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.



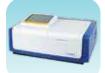


About Analytical Technologies

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

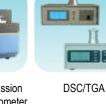
Infra FTIR







Optical Emission Spectrophotometer





Optima Gas Chromatograph 3007



Semi Auto Bio Chemistry Analyzer



Chromatograph 2979 Plus



HEMA 2062 Hematology Analyzer



Flash Chromatograph



Micro Plate Reader/Washer



Atomic Absorption

Spectrophotometer

URINOVA 2800

Urine Analyzer



Liquid Partical Counter



Total Organic Carbon 3800





Fully Automated CLIA



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:



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 personallities 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, Health Care, Awards, Media, Events, Camps etc.



HPLC Solutions

Technologies Limited

MultipleLabs Analytical Bio-Med

Analytical Distributors

Analytical Foundation (Trust)

Corporate & Regd. Office: Analytical House, # E67 & E68, Ravi Park, Vasna Road, Baroda, Gujarat 390 015. INDIA

+91 265 2252839 +91 265 2252370 F: +91 265 2254395

T: +91 265 2253620

E: info@hplctechnologies.com info@multiplelabs.com info@analyticalgroup.net

W. www.analycalgroup.net www.hplctechnologies.com www.multiplelabs.com Sales & Support Offices: across the country : Distributors & Channel partners World Wide