

# OPHTHALMIC ULTRASOUND SCANNER AB SCAN with UBM



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Technical Specifications

### B SCAN

Probe type	Contact probe
Frequency	12.0 MHz [optional: 10 MHz and 20 MHz]
Scan angle	20° to 60°
View zone	30 to 60 mm
Axial resolution	300 microns
Lateral resolution	500 microns
Gain	-128 to +128dB
TGC	Near, Mid, Far
Measurements	Calipers, Area, Text, Arrow

### UBM

Immersion and Contact
35 MHz and 50 MHz
10° to 35°
14mm[d] x 18 mm (w) @ 30°
40 microns
50 microns
-128 to +128dB
Near, Mid, Far
Angle, Calipers, Area, Text, Arrow

## ►► A SCAN

Probe :	10 MHz / Dia 6 mm / in-built red LED
Measurement range :	12 to 38mm
Scan mode :	Auto/ Manual
Scan method :	Contact/ Immersion
Gain control :	10 to 100 %
IOL formulas :	SRK/T, SRK II, Binkhorst, Holladay, Hofter-O, Haiqis, Post Lasik
IOL configuration :	More than 100

## ►► Common Specifications

Printer :	Standard printer
Data exporting :	jpeg, pdf, Html, MHT, Rtf, Xis, Xlsx, Csv, Text, Image
Patient record storage :	Data stored in system hard disk
Image exporting :	jpeg, TIFF, PNG,, BMP, GIF
System input devices :	USB Keyboard, Foot pedal, Optical mouse
Probes :	B-probes and UBM probes operate from the same console with up to 4 probes per single console
Recording :	50 frames per cine (Total 50x10=500 frames]

Variants Available : 8-scan, B-scan with UBM,  
AB-scan, AB-scan with UBM.

## ►► **Electrical Specifications**

Power supply : 230V, BDHz

Power consumption : 150W

Physical Parameters : Gross weight 24Kg and with stand 34Kg approx

## 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.

## 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 Particle  
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](mailto: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.



 **Analytical**<sup>®</sup>  
Technologies Limited

**HPLC Solutions   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

T: +91 265 2253620  
+91 265 2252839  
+91 265 2252370  
F: +91 265 2254395

E: [info@hplctechnologies.com](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)  
[www.ais-india.com](http://www.ais-india.com)

Sales & Support Offices:  
across the country :  
Distributors & Channel  
partners World Wide