

# US - 3000

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## Ultrasound Simulator



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## ►► **Ultrasound Mentor**

### **An Ultrasound Training Solution Across Medical Specialties**

The Ultrasound Simulator is a high-fidelity simulator for the training of ultrasound examinations and interventions. It provides interns, residents, fellows and practicing physicians the optimal solution for acquiring and improving their sonography skills on a variety of patient anatomies and pathologies.

## ►► **Key Benefits**

- Accelerates the development of technical and cognitive skills
- Saves faculty time by enabling self-learning
- Enables individual progress monitoring by instructor
- A modular platform serving multiple specialties
- Fits varied experience levels

## ►► **Enhanced Educational Value**

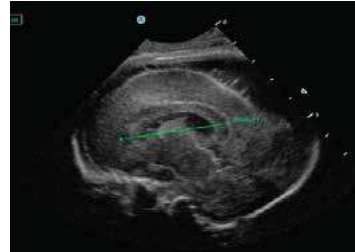
- Complete didactic environment: 3D anatomical map, anatomical labels, video tutorials and more
- Competence assessment: captured images are compared to gold standard and proficiency-based learning
- Skill Tasks and Procedural Tasks: integrated step-by-step scan protocols
- Extensive Content: a wide coverage of medical specialties and experience levels
- Integrated curricula: according to professional guidelines and protocols

## ►► **Enhanced Realism**

- A true-to-life, complex ultrasound image: presents common ultrasound attributes and artifacts
- Realistic anatomies physiology and pathologies: offer a diverse range of normal to abnormal scenarios
- Advanced diagnostic tools: Doppler modes, M-mode, numerous measurements and auto calculations

## ►► Diverse Simulation Technologies

Offer the most advantageous training experience: Virtual 3D simulation and US-image-based focused clinical scenarios.



## ►► MentorLearn Cloud

Ask how the MentorLearn Cloud simulator curricula management system can support your Simbionix simulator. MentorLearn's many capabilities include remote simulator administration, online learning, anywhere results monitoring, proficiency based hands-on training, as well as simulation video capture that is ideal for debriefing.

## ►► Ultrasound Mentor Modules

Modules and clinical cases are continuously developed in collaboration with medical experts to serve the growing demand for ultrasound training in various clinical specialties.

## ►► Male



SONOGRAPHY BASIC SKILLS



EFAST AND RUSH



EFAST AND RUSH VR



BEDSIDE ECHOCARDIOGRAPHY



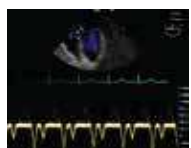
ABDOMINAL



NECK



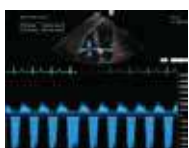
LUNG



TEE



TEE EMERGENCY



ADVANCED ECHO



COVID-19

## ►► Female



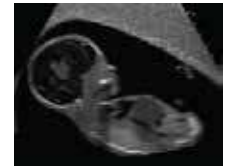
SONOGRAPHY BASIC SKILLS



BASIC GYN



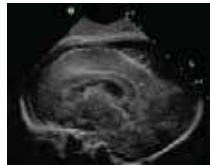
OBSTETRICS 1ST TRIMESTER



OBSTETRICS 2ND TRIMESTER



FETAL ECHO



FETAL NEUROSONOGRAPHY



OBSTETRICS 2ND TRIMESTER VR

## ►► Interventional Ultrasound



THORACENTESIS



CENTRAL LINE



PERICARDIOCENTESIS

## ►► **Modular, Cross-Specialty Simulation Platforms**

### Male and Female Mannequins

- Desktop and cart-based configurations offer portable and ergonomic solutions
- True-to-life palpable mannequins
- Easy mannequin exchange for continuous training
- Seamless probe exchange for alternate approach



### TEE Express



Portable, cost-effective solution  
for TEE training

### VR Add-On



For a highly immersive training  
experience, available for Trauma  
/Emergency and OB 2nd Trimester  
Modules

## ►► **Interventional Ultrasound**

A variety of ultrasound-guided intervention modules using actual needle/syringe are available, each with a dedicated anatomy cartridge that can be exchanged, offering realistic and trackable practice.

Note: The interventional ultrasound modules are also available on Simbionix PERC Mentor Suite simulator.

## 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.



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