

ISIECG - 3024

INTELLIGENT STETHOSCOPE WITH INTEGRATED ECG



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Introduction :

Promote healthier outcomes and save lives by harnessing cutting-edge technologies to bridge the gap between doctors and consumers

What do doctors want?

Survey :

63 medical professionals

Varied disciplines

- Cardiologist
- Pulmonologist
- Pediatrics
- General Physician

Findings :

A digital stethoscope with international quality

- Excellent Sound
- Ease of Operations
- Digital Technologies
- Good after sales Support

Latent need for a very good quality digital stethoscope



Variants

- Classic
- Pediatric
- Veterinary

Features

Improves Detection

- excellent sound clarity
- filters tuned for Modes and “Point of Interest”
- ability to adjust to your hearing profile

Four patents in filing process

Serves as Physical Assistant

- control on fingertip
- longer battery life
- detachable binaural (can fit in the purse)

Stethoscope that reflects persona

Enables Tele-Medicine

- share auscultation records
- real time live streaming
- location tagging

Breaking distance barriers

Supports Diagnosis

- phonocardiogram
- AI based opinion*
- references to match*

Verify diagnosis

Acts as Digital Assistant

- records patient’s history
- seamless connections to digital devices
- visualize sound

Complements smartphone

Facilitate Training

- broadcast auscultation to multiple listeners
- play auscultation on high fidelity speakers
- create digital library of annotated sounds Digital era teaching

The summarized specification are as below:

- Able to convert an acoustic sound to electronic signals.
- Amplified for optimal listening.
- Electronic signals can be further processed and digitalized to transmit to a personal computer/Laptop.
- Records clearer sounds through patients clothes.
- KOROTKF sounds are heard better while measuring blood pressure.
- Accurate results.
- Less wastage of money and time by eliminating superfluous test.
- Reliance on technology by eliminating superfluous tests quality, dimensional accuracy, durability and many more qualitative features
- The clip stored in the cloud can be transferred anywhere in the world for 2nd opinion.
- Make- Stainless steel chest piece single sided – (Double side has been provided)
- Diaphragm single piece tunable.
- Electronic Stethoscope, Digital ECG, Earpiece and Tubing etc.
- Portable easy to use.
- Free download from the App-Store for both stethoscope and single lead ECG unit
- Can be connected to headphone or speaker via. Bluetooth from Smartphone.
- High fidelity sounds are shown as real-time waveforms on any smart device.
- Bi-directional communications
- Record, save, review, replay, share, generate & save reports.
- Records waveforms and patient data which can be easily:
 - o as an Auscultation report
 - o Email to a specialist for Tele-medicine consultation.
- Back of the chest piece contains monitor display, menu, slot for USB, Bluetooth, Sound control system, Power Button etc.
- Display will be LED and approx. 1.5 inch X 1 inch (Preferably).
- Display will be contrast for easy readability with white background & Black Display or Black Background & White display.
- Battery slot should be properly placed.
- Frequency — 36.52 LUF (Lowest used frequency) in D mode Diaphragm code) 10-39.02 in B Mode (Bell mode).
- The software will be automatically updated through Over-The-Air (OTA).
- All weather friendly.

An ECG when you really need it

Take a medical-grade ECG anytime, anywhere.

In just 30 seconds, detect normal heart rhythm

Manage your condition

Instantly detect atrial fibrillation and normal sinus rhythm with a 30-second ECG.

Track risk factors like blood pressure and weight.

Easy to use

Check in with your heart on the go.

Just put your fingers on the sensor no wires, patches or gels required.



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.

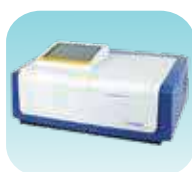
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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

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.

Reach us @



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