

audiolab⁺

PC Based & Stand-Alone Diagnostic Audiometer



Tests & Features

- ▶ Pure Tone
- ▶ Masking
- ▶ Speech
- ▶ Tone Decay Test
- ▶ SISI
- ▶ ABLB
- ▶ Free Field Audiometry



www.labatasia.com



Toll Free: 1800 123 004455

Model Number: 333044001

Empowering the Audiology Science through Advanced Technology!

Audiolab⁺ is a truly hybrid audiometer dedicated to provide you the best experience of the technological advancements happened in audiometers over the period in the field of audiology. It gives audiologist the seamless flexibility to use it as a stand-alone as well as with PC based device. Its advanced software AudioSoft also enables the audiologist to use it via touch screen devices.

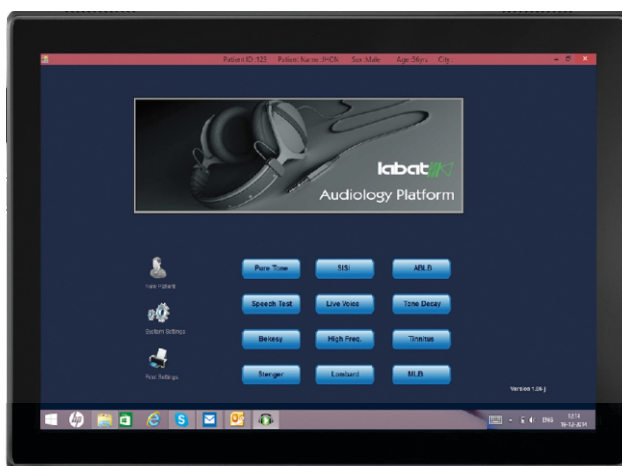
audio//soft
AUDIOLOGY PLATFORM

AudioSoft, the statistically most advanced audiological software

AudioSoft now features a complete, innovative database that provides test preview to check the patient's audiological record.

Labat has developed exclusive software that meets the requirements of modern audiology.

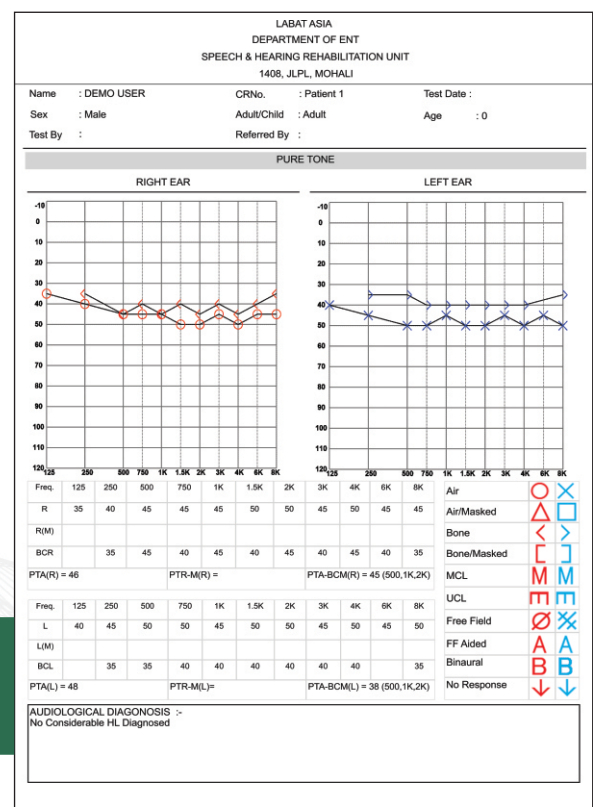
The AudioSoft retrieves data directly from the hardware database to elaborate statistics more efficiently, also enables audiologist to retrieve the tests of a patient and provides statistical data arranged by age, test date, etc.



Easy to use ► **ONE Button ONE Test!**

Audiogram:

Best in class representation of the ongoing test and report



Standards & Certifications

- ISO 13485:2016
- Authorized GeM OEM
- ISO 9001:2015
- CDSCO Approved
- ZED Certificate
- RoHS Compliance
- IEC 60601-1:2005 + AMD:2012 Ed:3.1

Salient Features

- Truly hybrid - works stand-alone as well as touch enabled operation with PC/Laptop
- Auto Synchronized Tone and Masking
- 2 Independent Channels
- Real-time plotting and updation of color-coded Audiograms and Results.
- No frequent calibration
- LIVE Voice, Embedded Speech (with Automated Speech Scorer)
- Unlimited test memory on the device
- Portable and sturdy built for longevity

► Technical Specifications - audiolab⁺

- Brand - Labat
- Two Channels Diagnostic Audiometer
- In-built Mic
- Touch Key Operations
- Automatic Synchronized Tone & Masking

► Output

- AC R-AC L-AC R+L-BC R-BC L-FF R-FF L-FF R+L
- AC: 125 - 8000 Hz, -10 to + 120dB HL in 5 dB Step
- BC: 250 - 8000 Hz, -10 to + 75dB HL in 5 dB Step
- FF: 125 - 8000 Hz
- Intensity Range (1000 Hz): -10 to + 120 dB HL
- Masking - WN, NBN, SN
- Masking (Contra Lateral) with AC, BC, FF, Pure Tone Frequencies
- Direct Printout with Thermal Printer & PC Printer
- PDF Report
- USB Port for PC Connection

► Speech Material

- In-built Words in Device Hardware
- Speech
- AUX Port
- VU-Meter

► Specifications

- Power Supply: 220V, 50Hz
- Harmonic Distortion <1%

► Accuracy

- Resolution 16 Bit
- Precision ± 50 ppm
- Stability ± 100 ppm
- Signal to Noise Ratio > 100dB

▶ Maximum Output Level (dB HL)

Frequency	125	250	500	750	1K	2K	3K	4K	6K	8K
AC	80	105	115	115	120	120	120	120	120	105
BC		40	60	65	65	75	70	70	40	40

▶ Standard Tests

- Air Conduction
- Bone Conduction
- Tone Decay Test (TDT)
- Speech
- SISI (1 to 5 dB increment)
- ABLB

▶ Signal Mode

- Normal ON - Normal OFF
- Continuous - Pulsed, Manual, MIC, External MIC
- Warble - Frequency Modulated $\pm 5\%$ @ 5 Hz
- Patient Response

▶ Standard Accessories

- HeadPhone: TDH 39/49 or Equivalent
- Bone Conductor: RadioEar B71- or Equivalent
- Patient Response Button
- USB Cable
- Power Adaptor
- Software

▶ Optional Accessories*

- Insert Earphones (LP30)
- Talk Back and Talk Forward
- Cables for Silent Room Speakers (for FF Option)
- Free Field Speakers with Built-in Amplifier
- Patch Cords for 2-Room Setup
- Thermal Printer

▶ Environmental Storage Temperature

- -20 °C to +50 °C

▶ Operating Temperature

- 5 °C to +40 °C

▶ Operating Relative Humidity

- 10-90%

▶ Mechanical

- Weight: 1.40 Kg
- Dimensions: (31.5 x 19.5 x 6.5) cm

**Available optionally at additional cost*