Excellence Par Affordability

Empowering the practice of hearing across the globe with the much-awaited audiometer that meets the global standards

labat

Epic Plus

PRE AMP

Epic Plus

CHANNEL 1   CHANNEL 2
GND   REF   INVERT   GND   REF   INVERT

epicplus pro

System for Auditory Evoked Potentials and Neuro-otology

- ABR, MLR, LLR
- P300, 40 Hz
- ECochG, VEMP
- BC-ABR, Free-Field ABR
- E-ABR
- ASSR: Multi ASSR

Incorporation of Advanced Futuristic Technology

Affable and Futuristic Product

Taking advantage of the latest digital technologies, The Design of EPIC PLUS Pro is in such a way that its recordings are least affected by noisy external environments.

Unique Amplifier Box

The compact capsuled unit does all Amplification, resulting in only digital transmission of data to the main unit. Hence, least susceptible to external ambient noises and disturbances.

Battery Operated

The Rechargeable Battery operation ensures:
- Better patient safety.
- Lesser signal disturbances while testing caused by AC main supply.
- No data loss because of power failures.

Salient Features

- **Easy Upgrade:** Basic Unit can be upgraded at any time with other optional tests features by requesting for licence key
- Test one or both ears at the same time
- Auto ABR Peak Marking
- One Click Reset to Default for settings and test protocols
- Noise: Multiple Choice of Masking noises
- Stimulus—Multiple options to choose from a wide range of stimuli
- Provision to attach external stimulators
- Provision to perform Weighted Algorithms
- Record & View separate rarefaction and condensation responses in the "Alternating Stimulus Polarity Acquisition Mode"
- Comparing of waveforms, Left to Left, left to Right, Right to Right
- Importing of previous test waveforms and comparing it with current recorded or ongoing test waveforms by superimposing
- Allows the user to quickly Merge, invert and cross correlate recordings of two waves with Add & Subtract feature
- Software swap of ABR electrodes from one ear to other helps the user to work efficiently without the user having to physically swapping the electrode work efficiently in single channel operation
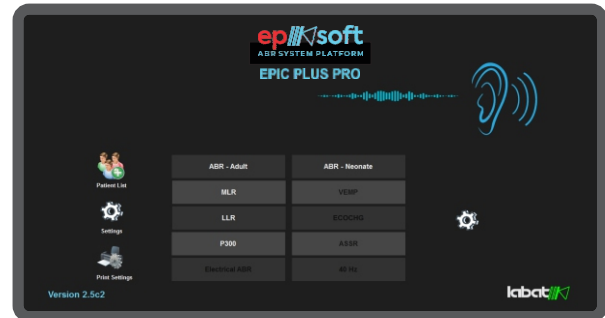- **E-ABR:** Interfaces with various market available Cochlear implants
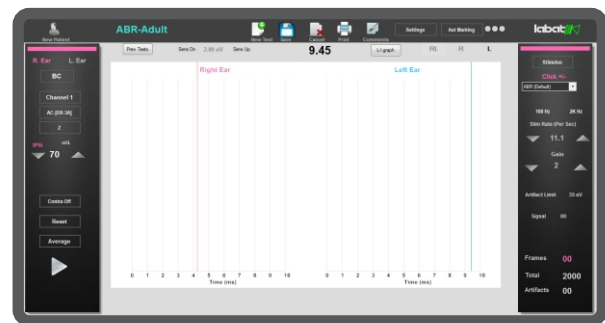
Optional Accessories

Choice of Transducers and Special Earphone Cups

ep[K]soft
ABR SYSTEM PLATFORM

statistically most advanced & convenient ABR software

▶ epsoft features

- Simple and Intuitive User Interface
- Different Test protocols for sleep and awake conditions
- Auto-marking of peaks with manual override for corrections
- Different labels specific to ABR, VEMP, ECochG, LLR etc. for easy Peak Marking
- Comprehensive and simple to use database with sorting of statistical data by age, date, testing phase and many more
- User-defined artefact rejection level
- Automatic calculation of the difference in latencies of right and left responses
- Latency Intensity graph
- Last updated recordings saved in case of power failure in between the test
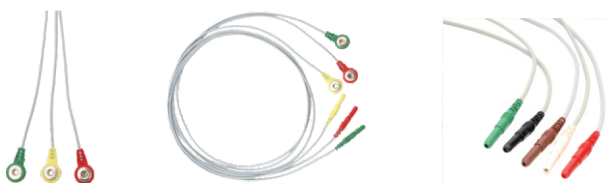- User Defined Protocols

Main Test Menu

ABR Test Preview

▶ Optional Upgradable Tests

▶ VEMP

- Vestibular Evoked Myogenic Potentials (VEMP), EP Soft has advanced and simplified VEMP Module with which it is easy to perform the VEMP test i.e. Cervical (cVEMP) and Ocular (oVEMP).
- Onscreen EMG activity.
- Audiologist can perform it on all patients irrespective of their age group.

▶ ECochG System

- Electro-Cochleography (ECochG) tests are objective assessment test used in the diagnosis of Meniere's disease and other disorders. ECochG tests measure electrical potential generated in the cochlea (a part of the inner ear) in response to audio stimulation.
- SP/AP Amplitude ratio calculations

VEMP Electrode Kit

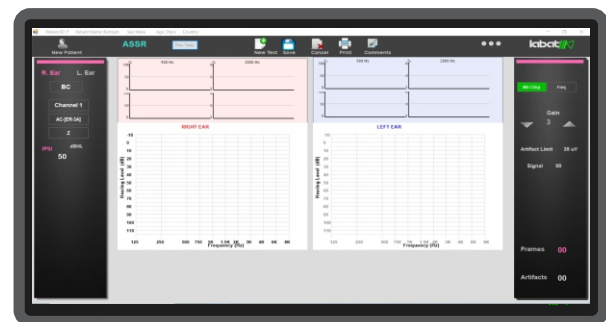Gold Foil covered Insert Eartips

ECochG Accessories

ASSR

The ASSR test measure in EPIC PLUS Pro Evoked Potential system allows a pure tone at various frequencies to be modulated in AM and/or FM mode at a continuous cycle ASSR with following features:

- Test one or both ear at the same time
- Stimulus: Modulated tone and Chirp
- ASSR with TDH/ Insert
- Auto ASSR test protocols with manual over-ride
- Plotting of Audiograms in SPL or HL using user-modifiable SPL-to-HL correction table
- Multi ASSR: Simultaneous recording at multiple frequencies

- Additional software for the execution and analysis of the Steady-State test with real-time FFT graphic during the acquisition
- Automated Response detection and threshold information for each tested frequency with the use of computerized spectral techniques
- Frequency and intensity based Phasor Diagrams
- Two independent channels generator which allows the generation of AM/FM modulated tones at continuous cycle with carrier frequencies for 250 to 10,000 Hz.

ASSR Test Preview showing left and right area side by side

Standard Accessories

- ABR main console
- ABR 2 Channel Digital Box (Pre Amplifier)
- Pre Amplifier cable
- Battery charging adapter
- ER 3C insert earphone
- Ag/AgCl Surface Electrode kit - 1 set
- Snap-On electrode cable - 1 set
- Disposable Sanp-On electrode pads - 1 set
- Ground cable
- Abrasive paste and Condutive paste - 1 No. each
- USB Cable with Software CD
- Carrying Case

Computer Specification (Minimum)

- Processor : Intel i3 or higher / Equivalent
- HDD : 500 GB
- RAM : 4 GB
- Windows 10 original with antivirus license
- monitor : 14 Inch or more
- Graphics card : 1 GB or higher

For technical and hardware specifications contact @ **coordinator@labatasia.com**

STANDARDS
AUDIOMETRICS EQUIPEMENTS
EN 60645-2 (1997) - EN 60645-1 (1994), EN ISO 389 (1995) - ISO 389-2 (1994)
EN 60645-4 (1995) - ANSI S3.6 (1996), ISO 389-3 (1994) - ISO 389-4 (1998), ISO 389-7 (1996)

SECURITY

EN 60601-1 (1990) Class II-Type B
EMC - EN 60601-1-2 (2001)

*PC and printer not included.   *Specifications and features can be changed without prior notice.

Labat Asia Pvt Ltd
Plot No. 1408, Sector 82, JLPL Industrial Area, Mohali 160 062, India
info@labatasia.com | www.labatasia.com | Tel.: +91 172 2970300
Cellphone: 9876522996 | **Toll Free: 1800 123 004455**

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