

INTELLIGENT HEARING

S Y S T E M S

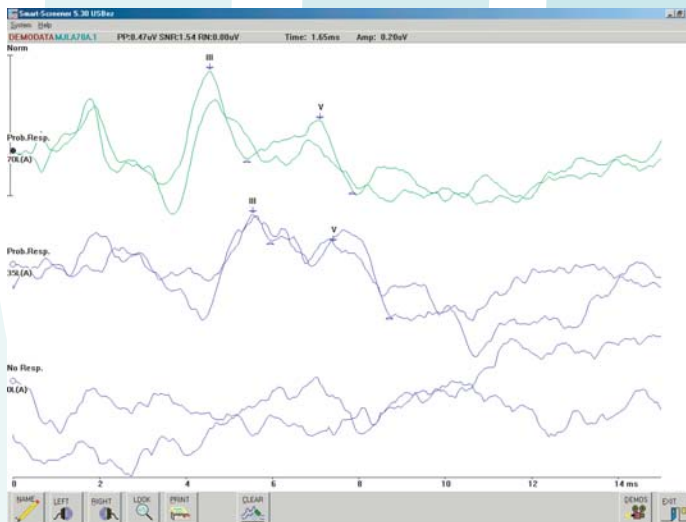


**The fast, affordable, portable
expandable and easy to use
hearing screening system**



Automatic Response Assessment:

The software labels recordings automatically as Probable or no-response as they are acquired.



Integrated Database:

Manage your patients easily and keep organized records of previous tests. Port your patient information from one IHS application to the next, effortlessly. Export your data to other commonly used medical databases.

Accessible Online Help:

Click F1 at any point in the program to bring up the online help in the topic referring to your current place in SmartScreener.

Easy Data Acquisition:

Save time and acquire data quickly, right out of the box. All necessary parameters are pre-programmed in to the system, just enter the patient's information and Start.

Step-by-Step demonstration:

Clear Step-by-Step instructions show how to prepare the infants and acquire recordings rapidly. These demonstrations are ideal to train new staff. Once the user is familiar with the procedure, they may bypass the demonstration for rapid acquisition.

Smart Screener

Advanced Options

Smart Choices

Fast Protocol Setup:

Quickly create customized protocols that allows to run a series of tests automatically. Perform consecutive tests multiple times, each with their own testing parameters, at the click of a mouse.



Automatic Stopping:

Have the test automatically stop once a satisfactory response is acquired.

Multiple Stimulus Types:

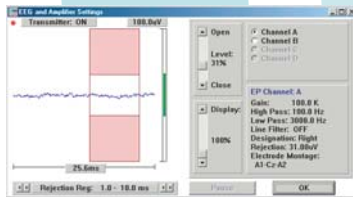
Select from: click, 500, 1000, 2000 or 4000 Hz stimulus signals.

Optically Isolated Amplifier:

The external amplifier, with built in impedance checker is optically isolated to ensure patient safety at all times.

Amplifier Options:

Visually set the artifact rejection level and the artifact rejection region with clear visual markers. Select the desired gain and filters to accommodate your needs



Customizable Display:

Change the display by selecting split page or full page. Modify the start and end time for the time axis. Use a grid for visual support.

Recording Information:

View all the acquisition information for each wave; including stimulus, rate, peak values and inter-peak latencies.

Immediate SNR and RN:

Instant Signal to Noise Ratio estimation and Residual Noise calculation for all acquired recordings.

Multi-EP Display option:

Show your recordings in Average, Split Sweep, Plus-Minus or Spectral plots as needed.

ABR and OAE Screening System:

Upgrade your system to include SmartDPOAE, with included screening capabilities, for complete screening diagnostic capabilities.

Includes:

- Automatic Parameters
- Chain Stimuli feature
- Report Generator
- Calibration Module
- Self-Check Module

Universal Smart Box

Features

- Light and portable
- Connects to any Windows® USB compatible computer
- Up to eight channel AEP High frequency option Ipsilateral masking option
- Up to one channel OAE High frequency option Suppression option
- Use inserts, headphones, bone vibrator, HF transducers and/or OAE probe
- Upgradable to include SmartEP, SmartEP-ASSR, SmartDPOAE, SmartTrOAE, IVRA.



Universal Smart Box Jr.

Features

- Light and portable
- Connects to any Windows® USB compatible computer
- Up to two channel AEP
- Up to one channel OAE
- Use inserts, headphones, bone vibrator and/or OAE probe
- Upgradable to include SmartEP, SmartEP-ASSR, SmartDPOAE and SmartTrOAE.



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