



# INTELLIGENT HEARING

## S Y S T E M S



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

#### Automatic Response Assessment:

The software labels recordings automatically as Probable or no-response as they are acquired, based on advanced detection algorithms..

#### Varied Stimulation Options:

Select from Clicks or a variety of tones to present stimulation. Present Standard or Chained Stimuli. Output in dB SPL

#### Accessible Online Help:

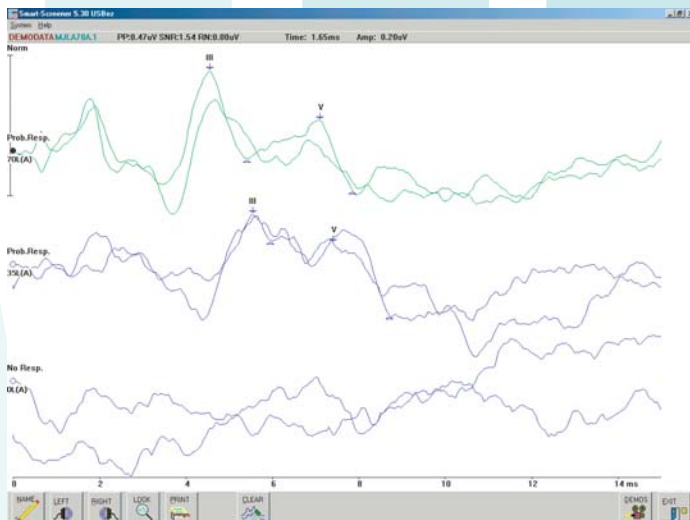
Click F1 at any point in the program to bring up the online help in the topic referring to your current place in PetScreener.

#### 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 pet's information and Start.

#### Customizable Protocols:

Fast setup of screening protocols for different frequencies and intensities. Save protocol files for future use, and Load them whenever necessary. Choose intensities, number of sweeps, stimulus type, stimulators and rate.



#### Integrated Database:

Manage your patients easily and keep organized records of previous tests. Port your subject's information from one IHS application to the next, effortlessly.

# Pet 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:

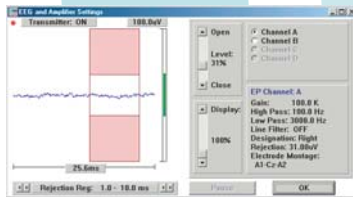
Select from: click, 500, 1000, 2000 or 4000 Hz stimulus signals.

## Optically Isolated Amplifier:

The external amplifier, with built in impedance checker is optically isolated to ensure subject 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 features, 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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ISO 13485 Certified

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