

**Designed to Grow with
Your Patients' Needs**



AEP
auditory evoked potentials



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Designed to Grow with Your Patients' Needs... and Yours!

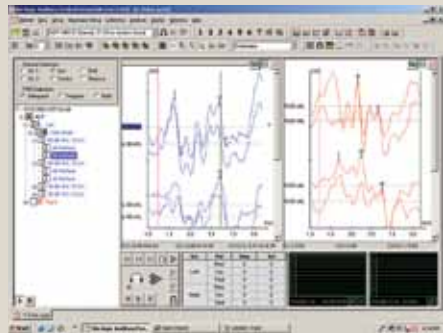
The Bio-logic Navigator Pro diagnostic ABR system is the most complete product on the market that offers full AEP functionality in a Windows®-based system. Our AEP system can offer a total diagnostic picture with the capability of displaying unlimited waveforms and reviewing multiple data collection sessions on one window. Navigator Pro AEP offers the ability to collect and analyze data simultaneously, view the EEG at all times, and collect data on one patient while completing analysis for another. You can even access a patient's history with full patient database capabilities.

Full AEP functionality includes:

- Electrocochleography (ECoChG)
- Click evoked ABR
- Tone burst ABR
- Middle latency response (MLR)
- Auditory late response (ALR), P100, P300*
- Electrical ABR (EABR)

Protocols provided for all common tests or create your own.

Additional software/hardware modules expand the system's functionality to include a wide range of tests on a single platform:



Dual, scrolling displays for unlimited waveforms.

Screening ABR

Screening OAE

Diagnostic DPOAE

Diagnostic TEOAE

Auditory Steady State Response

* These features will have an additional cost applied to the base NavigatorPro price.

Technology exclusively from Natus

AEP was designed by an Audiologist for an Audiologist. Natus employs audiologists in the areas of product development, product management, technical support, and in-field area program specialists. We listen to our customers and constantly look for ways to expand and improve our product line.

AEP offers many additional features that help you achieve the outcome you desire.

Unique Stimulus Features

Stimulus Intensity Ramping – gradual increase and decrease of the stimulus intensity during onset and offset is less disturbing to a quiet patient

Custom Stimulus Support – use your own custom “wav” files as the stimulus for AEP tests, including support of two different “wav” files for P300 tests. Includes independent calibration for each individual “wav” file

Advanced Data Collection Features

Protocol Sequencing – link protocols together; when one protocol is completed the next protocol will begin automatically

Automatic Electrode Switching – eliminates the need for manual repositioning of the reference and ground electrodes in the patient cable when changing the stimulus ear

Residual Noise Calculation – optimize the ABR response by terminating averaging automatically based on the residual noise in the recording rather than a fixed number of averages

Fsp Calculation – on-line statistical analysis of the ABR response within a user-specified portion of the collection epoch helps you determine if a response is truly present and stops averaging based on a criterion value

Separate Responses to Alternating Polarity Stimuli – view the responses to the rarefaction and condensation stimuli separately or combined; convenient tool for assessing the presence of the cochlear microphonic in cases of suspected auditory neuropathy

Data Analysis Features

Unlimited Waveform Displays – dual, scrolling display panels support an unlimited number of waveforms

Digital Filtering* – manipulate the filters applied to the data during or after collection

Multiple Epoch Waveform Displays – simultaneously view waveforms collected with different window epochs on the same display panel

View Multiple Test Sessions Simultaneously – review, compare and print reports combining data on a patient from multiple test sessions

Interaural Latency/Amplitude Calculations – compare the latencies and amplitudes of the marked points between ears for neuro-otologic assessment

Customization

Collection Protocols – select from over 25 manufacturer-supplied protocols for the most common tests or create your own protocols using the flexible setup window

Comprehensive Patient Database – customize the patient database by choosing the necessary fields and designating them as required prior to data collection, if desired

Flexible Test Reports – use the convenient manufacturer-supplied report templates or create your own reports with the information you want in the format you prefer

User-defined “Results” Templates – tired of typing a “normal” results paragraph over and over again; create and save paragraphs describing results and insert one into your patient’s report when it is appropriate

Export Module for Researchers – export your waveforms and patient data into MatLab or comparable statistical software

* These features will have an additional cost applied to the base Bio-logic Navigator Pro price.



Bio-logic® Hearing Diagnostic Solutions



AEP

Standard auditory evoked potentials including ABR, ECoChG, MLR, ALR, P300, and EABR



ABaer®

Infant hearing screening system – automated ABR, OAE or both!



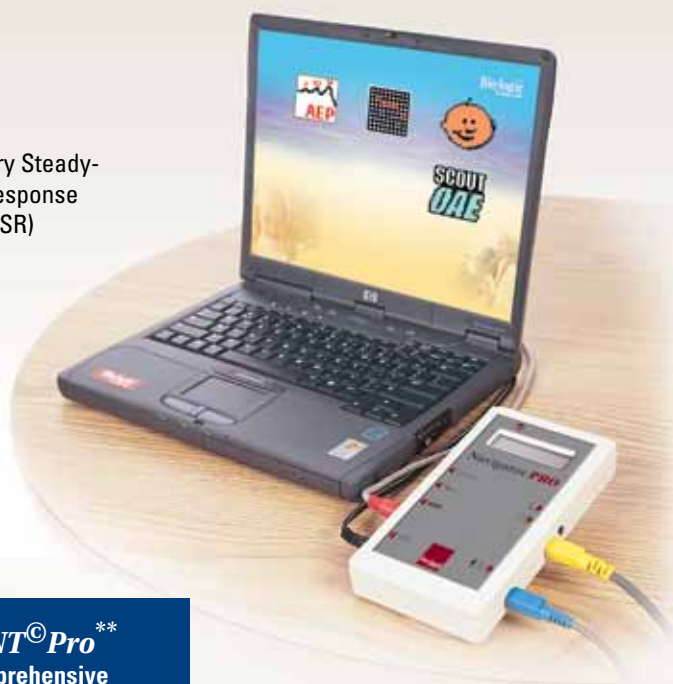
M·A·S·T·E·R*

Multiple Auditory Steady-State Evoked Response Technology (ASSR)



SCOUT®

Full range otoacoustic emission test capability including DPOAE, TEOAE and SOAE



HINT®Pro**

Comprehensive system for evaluating functional hearing in quiet and in noise

Your Local Bio-logic Representative:

* Developed in cooperation with Sasha John, Ph.D. and Terence W. Picton M.D., Ph.D. at Rotman Research Institute of Baycrest Centre, Toronto, Ontario, Canada. Patent Number: 6602202.

** Developed in cooperation with Sigfrid Soli, Ph.D. at House Ear Institute.

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