natus.
hearing diagnostics

Bio-logic®
Navigator®PRO

Bio-logic® Navigator®PRO

AEP
auditory evoked potentials

Flexibility, Portability & Adaptability — Providing Results You Can Trust

Designed by Audiologists to Grow with You & Your Patients' Needs

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.

- Portable, lightweight & convenient for use in variable settings
- Display unlimited waveforms on a single or split screen
- Analyze, mark & compare waveforms during collections
- Monitor the patient's state with a continuous EEG display
- Easily customize test protocols & reports

Bio-logic® Navigator® PRO
AEP
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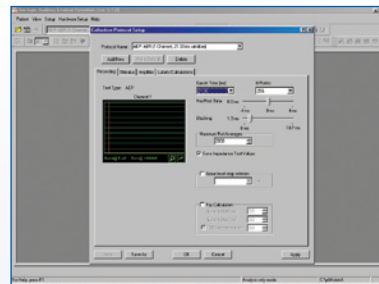# Bio-logic Navigator Pro AEP — designed by Audiologists for Audiologists

Full AEP Functionality Includes:

- Click evoked ABR
- Tone burst ABR
- Auditory Steady State Response (ASSR)*
- Electrocochleography (ECochG)
- Middle latency response (MLR)
- Auditory late response (ALR), including P300**
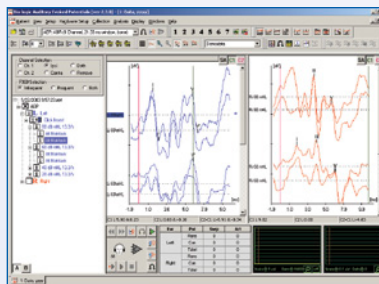- Electrical ABR (EABR)

*Requires download of Bio-logic MASTER II software module, which has an additional cost to Navigator Pro base price.
**P300 functionality has an additional cost to Navigator Pro base price.
Not all modules are available in all areas.

Protocols provided for all common tests or create your own

Dual, scrolling displays for unlimited waveforms

Additional software/hardware modules* expand the system's functionality to include a wide range of tests on a single platform:
*Not all modules are available in all areas.

- Screening ABR
- Screening OAE
- Diagnostic DPOAE
- Diagnostic TEOAE
- Auditory Steady State Response
- Electroneuronography
- Cochlear Hydrops Analysis Masking Procedure
- Vestibular Evoked Myogenic Potential Test

Advanced Data Collection Features

Automatic Electrode Switching – no need to manually switch the reference and ground electrode 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 – online statistical analysis of the ABR response within a user-specified portion of the collection epoch helps determine if a response is truly present and stops averaging based on a criterion value

Separate Alternating Polarity Waveforms – waveforms collected with an alternating polarity stimulus are easily split into the rarefaction and condensation tracings – a necessary tool for assessing the cochlear microphonic

Data Analysis Features

Unlimited Waveform Displays – scrolling display panels allow for viewing an unlimited number of waveforms on a split or single screen

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

Latency/Amplitude Calculations – view marked latencies for a single ear or both ears, with interaural latencies calculated automatically

GraphMaster* – compare latencies to published age-referenced normative data and include these normative data graphs in your report if desired

Data Display – easily adjust display parameters, such as display gain, smoothing, weighted additions

Data Review – collection parameters on every waveform are available with a single mouse click, including information on the protocol, sweeps, artifact and impedance

Data Retention – automatically saves data during collection; no lost waveforms

Customization

Save Reports as PDF Files – flexibility to add third party PDF-writing software** to enable saving reports as PDF files, for accessing for later review, communicating with other medical professionals and adding to the patient's Electronic Medical Record (EMR)

Comprehensive Patient Database – customize the patient database to include clinic specific required fields
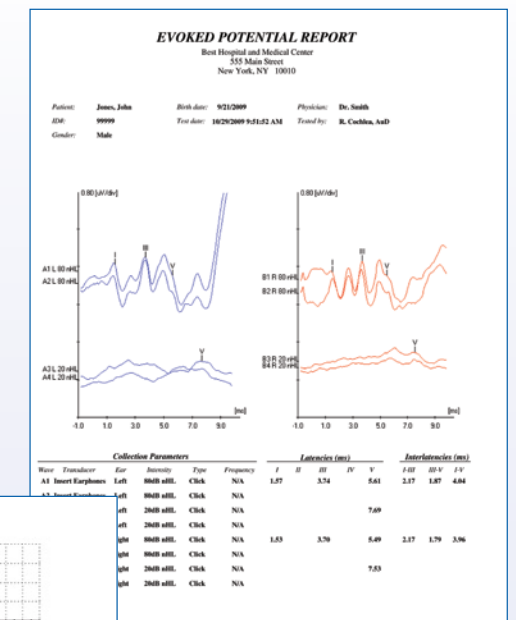
Clinic Specific Report Templates – customize your report template to meet the needs of your clinic with options to include parameters, normative graphs*, results and recommendations

User-Defined "Results" Templates – avoid writing the same "standard" report repeatedly by saving text templates to insert into reports as appropriate
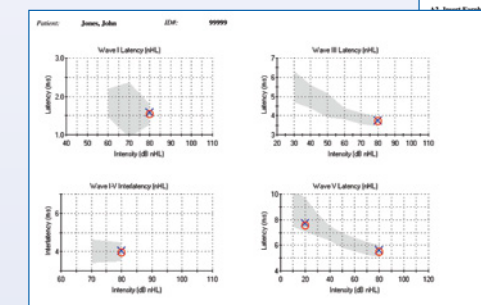
Collection Protocols – select from several manufacturer-created single or 2-channel protocols or create your own custom protocols with the flexible protocol set up window

*These features have an additional cost to the Navigator Pro base price.
**We are unable to provide technical support on third-party software products.

Flexible & customizable report templates

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The Bio-logic Navigator Pro Family of Products*

AEP – *standard auditory evoked potentials including ABR, ECochG, MLR, ALR, P300 & EABR*

Scout® – *Full range of OAE test capability including DPOAE, TEOAE & SOAE*

ABaer® – *Newborn hearing screening system including ABR, DPOAE & TEOAE*

MASTER® II – *Multiple Steady-State Evoked Response (ASSR) Technology*

ENoG – *External SEP Stimulator option supports Electroneuronography*

CHAMP® – *Cochlear Hydrops Analysis Masking Procedure*

VEMP – *EMG Rectification for Vestibular Evoked Myogenic Potential Test*

*All products not available in all areas.

Your Bio-logic Representative:

Special Olympics

Natus Medical Incorporated is an Official Healthy Hearing Sponsor of Special Olympics.

CE Certified

Trusted Reliability.
Flexible Innovation.
Proven Excellence.

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