



Bio-logic
– the next
generation

A new, all-in-one AEP solution
from the brand you trust

Bio-logic® NavPRO ONE®


otometrics
a division of natus

Maximum efficiency for the audiologist on-the-go

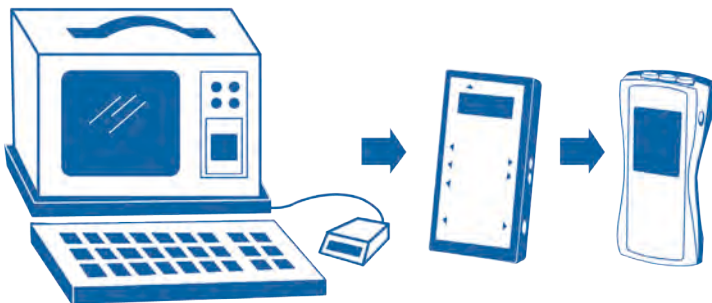
Bio-logic® NavPRO ONE® is a flexible and compact Auditory Evoked Potential Response (AEP) system providing results you can trust.

Legendary reliability in a handheld device

This one-channel AEP device is powerful – with similar capabilities to larger PC-based, desktop devices. PC-independent, handheld and transportable, it allows you to take your equipment to the patient – or to remote locations. It is ideal for threshold estimation using tone burst or chirps, Auditory Steady-State Response (ASSR), Electrical Auditory Brainstem Response (E-ABR) and screening ABR. Noah-compatible via Bio-link software.

The Bio-logic legacy lives on

The new Bio-logic NavPRO ONE is the next generation AEP solution from Otometrics. It is a diagnostic platform – with a portable, adaptable design to satisfy current and future needs.



Contact your local Otometrics representative for a product demonstration. Or, visit otometrics.com/biologic for more information.



The next generation Bio-logic NavPRO ONE offers easy, battery-operated, handheld testing allowing you to take the test to the patient.

The optional OAE module includes a single-touch "child mode" feature with an engaging cartoon—making it easier for the child to remain calm while testing.

Reliable results when you need it most

Bio-logic NavPRO ONE is designed with your patient care workflow in mind. Touch screen display with vibrant icons and intuitive navigation make it easy to use. For those who want a larger display the included Bio-link software program provides remote viewing and control.

Battery-operated and smart technology reduce electrical interference in the most hostile of environments for recording ABR testing. Stimuli include clicks, tone bursts and broadband and narrowband Nav-Chirps.

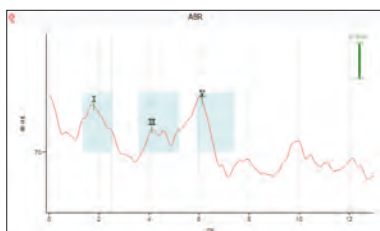
Inspired by the way you work

Bio-logic NavPRO ONE features a modular ABR system that is configurable to meet your needs. Backed by advanced modular testing technology, it is a versatile all-in-one solution designed to meet the demands of the busy clinic.

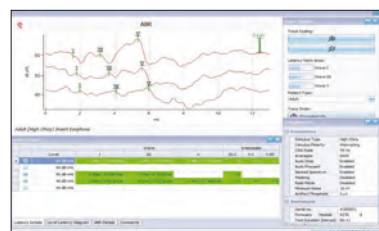
Customize tests to meet your needs with these modular combinations:

- Diagnostic and screening audiometry
- Diagnostic and screening OAE
- Diagnostic and screening tympanometry
- ASSR
- Electrical ABR
- Frequency specific ABR

The ability to combine multiple test results helps to streamline data collection and simplify your workflow.



This figure shows the results in the Bio-link software for early evoked potentials (ABR) with the normal range of latencies for waves I, III and V.



This figure shows the ABR waveform in the Bio-link software at different intensity levels depicting typical latency changes with intensity.

Product specifications

General Specifications	Bio-logic NavPRO ONE
Device classification (93/42/EEC) Device classification (MDR Canada)	Class II a Class II
Application part classification Application parts	Type BF (body floating) Headphones, insert earphones, ear probe, bone conductor, electrode cable, patient response button
Ingress protection rating (IP code)	IP30
Applied standards	DIN EN ISO 389-1, DIN EN ISO 389-2, DIN EN ISO 389-3, DIN EN ISO 389-4, DIN EN ISO 389-5, DIN EN ISO 389-8 (transducer calibration), DIN EN ISO 10993-1 (biocompatibility), DIN EN ISO 15223-1 (manual), DIN EN 60601-1 (electrical safety), DIN EN 60601-1-2 (EMC), DIN EN 60601-1-4 (PEMS), DIN EN 60601-1-6 (usability), DIN EN 60601-2-40 (AEP equipment), DIN EN 60645-1 (pure-tone audiometry), DIN EN 60645-6 (OAE), DIN EN 60645-7 (ABR), DIN EN 62304 (software lifecycle)
Device dimension	ca. 209 x 98 x 52 mm, 8.2 x 3.8 x 2.0 inches
Device weight (including battery pack)	ca. 500 g, 17.6 oz
Display properties	240 x 320 pixel, graphic LCD, resistive touchscreen (can be used with gloves) Size: 3.5"
Maximum power consumption	2 W
Input rating of power supply units	Sinpro MPU12C-104: 100-240 V, AC, 47-63 Hz, 0.16-0.29 A Sinpro MPU16C-104: 100-240 V, AC, 47-63 Hz, 0.18-0.33 A Friwo FW7662M/12: 100-240 V, AC, 50-60 Hz, 0.15 A
Output rating of power supply units	9V, 1.2 A
Rechargeable battery pack	4.8 V (NiMH)
Maximum operating time with fully charged batteries	ca. 6 - 8 hours (dependent on usage)
Maximum charging cycles	500 – 1000 (life time > 2 years for normal usage)
Maximum charging time	ca. 2 hours
Available Modules	Screening and diagnostic DPOAE, screening and diagnostic TEOAE, binaural OAE, screening audiometry (air), diagnostic extended high-frequency audiometry, diagnostic audiometry (air, air/bone, air/bone/speech), MAGIC, AABR, ASSR, EABR, ECoHG.

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Natus Medical Denmark ApS. +45 45 75 55 55. otoinfo@natus.com
Natus Medical Incorporated. 1-800-289-2150. otosales.us@natus.com
otometrics.com | natus.com



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a division of natus