

ELITE

EQUIPMENT FOR EVOKED POTENTIALS IN OTOLOGY

ABR (clinical and screening) – cVEMP – ECochG – DPMC



**Stand-alone
or computer-based**



ELITE

EQUIPMENT FOR EVOKED POTENTIALS

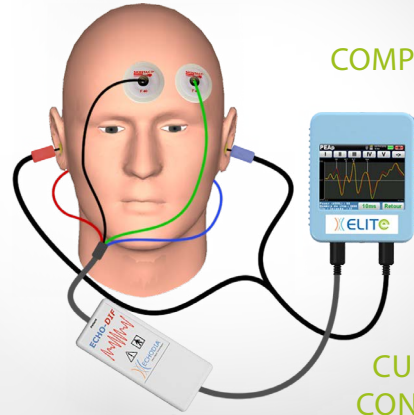
ABR (clinical and screening)/ cVEMP / ECochG / DPMC*

Stand-alone or computer-based

With its level of integration, the Elite device allows you to carry out ABR either stand-alone in outpatient mode or from a computer with a USB connection. Moreover, it is sensitive enough to make auditory threshold tests. Two other clinical tests (cVEMP and ECochG) can strengthen and help diagnosis.

The *DPMC (Cochlear Microphonic Potential Phase Shift) collects the electrical activity of outer hair cells in the cochlea after an acoustic stimulation (thus highlighting any intra-cochlear hydrops).

All these tests are optional and features are modular. Since it is easy to use and due to this modular characteristic, the device is designed for ENT doctors.



TOUCH SCREEN

MOBILE

COMPUTER-BASED

FAST

DIAGNOSIS

EASY TO USE

CUSTOMIZABLE CONFIGURATION

CONSULTING MODE

Portable: with its carrying case, it is possible to use the Elite device out of the consulting-room. Ultra-light, it easily fits in your hand. On its color touch screen, you can display the results of the tests and analyze them without using paper or a computer.

Computer-based: connected to your computer with a USB connection, you can drive the Elite device from your PC or Mac computer through the free Echosoftware provided. The program also allows you to manage your patients' database as well as to export and print results.

| | ABR | cVEMP | ECochG | DPMC |
|-------------------------|--|-------------|--------------|--|
| Clicks | Alternating, up to 50 clicks/sec Adjustable between 50 µs to 1 ms | | | - |
| Toneburst | Alternating, up to 50 burst/sec 250, 500, 1 000, 2 000, 4 000, 8 000 Hz | | | Freq: 900 to 1 100 Hz 12 pulses/sec |
| Intensity | Clicks: 0 to 110dB HL Toneburst: 0 to 110dB SPL | | | 50 to 100 dB SPL |
| Contralateral masking | White noise | | | |
| Impedance test | Yes | Yes | Yes | Yes |
| Normative range display | I, III, V | P13, N23 | AP & SP | Phase shift |
| Ratio latencies | Graphical & numerical | Yes | Yes | Degree |
| Ratio amplitudes | - | Yes | Yes | SNR |
| Key feature | Automated screening and Wave 5 | Biofeedback | Non-invasive | Hydrops |

