



ELIOS

Build it as you wish it

HYDROPS
EVALUATION

EVOKED POTENTIALS

AUDIOMETRY

OTOACOUSTIC
EMISSIONS



Innovation in Otology
is still possible



AUDIOMETRY

- AIR CONDUCTION
- BONE CONDUCTION
- SPEECH



HYDROPS EVALUATION

- Shift-OAE (ex DDPOAE)
Phase shift of the Distortion Product of Otoacoustic Emissions.
- DPMC
Phase shift of the Cochlear Microphonic Potential.
- ECochG
Non-invasive Electrocochleography.



OTOACOUSTIC EMISSIONS

- DP-gram
Multi-frequency Otoacoustic Distortion Product.
- TEOAE
Transient Evoked Otoacoustic Emissions.



EVOKED POTENTIALS

- ABR (clinical and screening)
Auditory Brainstem Response
- ECochG
Non-invasive Electrocochleography.
- oVEMP / cVEMP
Ocular / Cervical Vestibular Myogenic Evoked Potential.



TECHNICAL SPECIFICATIONS

GENERAL FEATURES

- TFT Color touch screen (3.5 inches)
- Lithium battery (Use time: 5 hours)
- Data storage: up to 2000 tests
- USB connection

EVOKED POTENTIALS

- Clicks rate: up to 50 clicks per second
- Clicks sound intensity: 0 to 105 dB HL
- ToneBurst sound intensity: 0 to 105 dB SPL
- Burst Stimulation frequency: 250Hz to 8000Hz
- Alternating clicks or ToneBurst
- Contralateral masking
- Digital resolution: 16 bits @ 32KHz
- Impedance test
- Automated calibration rejection
- Specific Eartips
- Window display: up to 60 ms
- Automatic marker placement

AUDIOMETRY

- Air conduction / Bone conduction / Speech
- Dual-channel audiometer
- Contralateral masking
- Acoustic stimulation: 125Hz to 12 KHz
- Automatic or manual modes
- Sound intensity: -10 to 110 dB HL

OTOACOUSTIC EMISSIONS

- Clicks sound intensity: 0 to 84 dB HL
- Bitonal sound intensity: 50 to 80 dB SPL
- Burst stimulation frequency: 1000Hz to 6000Hz
- Alternating clicks
- Digital resolution: 16 bits @ 32kHz
- Acoustic test artifact



HEADQUARTERS

35 Rue du Pré la Reine
63100 Clermont-Ferrand · France
Tel: +33 (0)4 73 91 20 84
Mail: contact@echodia.fr

