

OtoStat Screening & Diagnostics

DPOAE & Wideband Immittance Touch-Screen Handheld Device



Key Features

- Clinically friendly
- Portable, handheld, touch screen – easy!
- With two taps, test the middle and inner ear with a single probe fit
- Tests completed in seconds
- No startling pneumatic pressure
- Extended middle-ear test frequency range: 200 – 8,000 Hz
- Newborn, infant, child, and adult normative regions
- OtoStation patient-management software
- Test the inner ear with distortion-product otoacoustic emissions (DPOAEs)
- Test the middle ear with wideband acoustic immittance (MEPA)
- No annual calibration needed, reducing your costs and equipment down time
- Alerts you to poor probe fits and high noise

Determine the right patient care by using wideband immittance to extend the picture of conductive hearing loss



OtoStat Technical Specifications

OtoStat Features

- Measure DPOAE and wideband acoustic immittance with a convenient handheld device.
- Typical Battery Life: 5 hours.
- Can store 1500 test results.
- FDA 510(k) legally marketed device.

OtoStation® Patient-Management Features

- Computer-based patient database system.
- Preload patients onto OtoStat from OtoStation.
- Simply download from OtoStat to view and print test results.
- Export to OZ, Hi*Track, and MS Excel.

OtoStat DPOAE Specifications and Features

- State-of-the-art artifact rejection suitable for clinics, offices, and hospitals.
- Stopping rules for both pass and refer results - save time when testing adults and children.
- L1/L2 Level: 65/55 dB SPL.
- f2/f1 ratio: 1.2.
- Test time/frequency: 2 to 6 seconds.
- DPOAE Measured: 2f1-f2.
- 3 clinical protocols, using 4, 6, or 12 test frequencies.
- Norm for all age groups.

OtoStat Middle Ear Power Analyzer (MEPA) Specifications and Features

- Wideband Power Reflectance, Absorbance (Transmittance), and Equivalent Volume.
- Extended analyses using latest research.
- Newborn, infant, child, and adult norms.
- Stimulus type: Wideband chirp.
- Test time: 2 to 6 seconds with stopping rules.
- Artifact rejection.
- Frequency Range: 200 to 8,000 Hz

OtoStat Hardware Includes

- Handheld OtoStat with touch screen.
- Four-cavity calibrator.
- Etymotic Research ER10C ear probe with 6-foot cable.
- Disposable foam and rubber eartips for comfortable, stable probe insertion. Six sizes available, suitable for newborns to adults.
- Carrying case.
- USB thumb-drive with OtoStation software.
- USB cable.
- 110-230V medical-grade power adapter.
- Computer not included but must meet the minimum requirements below.

Computer System Minimum Requirements

- IBM compatible computer
- Windows 7™ or Windows 10™ operating system.
- 1 GB available hard drive space.
- One available USB 2.0 port.
- Recent version of Adobe Reader.
- EN60950 (IEC950)-compliant power supply.

Order Information

Product Identifier: OtoStat 2.0

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