

OtoStat Screening & Diagnostics

DPOAE & Wideband Immittance



Key Features

- Clinically friendly
- Portable
- Quickly 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 establish middle-ear status



OtoStat Technical Specifications

OtoStat® Features

- Measure DPOAE and wideband acoustic immittance
- Connects via USB to your Windows surface, laptop or desktop PC.
- FDA 510(k) legally marketed device for DPOAE and wideband immittance.

OtoStation® Patient-Management Features

- Convenient computer-based patient database system.
- Test, administer, review, and print test results.
- Export to OZ, Hi*Track, and MS Excel.
- Create test sequences for even faster testing.

OtoStat DPOAE Specifications and Features

- State-of-the-art artifact rejection suitable for clinics, offices, and hospitals.
- Accurate calibration from MEPA pressure response.
- Stopping rules for both pass and refer results.
- L1/L2 Level: 65/55 dB SPL (or user settable).
- f2/f1 ratio: 1.2 (or user settable).
- Test time/frequency: 2 to 6 seconds.
- DPOAE Displayed: 2f1-f2.
- Clinical protocols, using 4, 6, or 12 test frequencies.
- Use standard insurance codes for DPOAE.
- Norm for all age groups.

OtoStat Middle Ear Power Analyzer (MEPA) Specifications and Features

- Wideband Power Reflectance, Absorbance (Transmittance), Impedance, 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
- Use standard insurance code for tympanometry.

OtoStat Hardware Includes

- OtoStat audio processing unit (APU-t).
- Four-cavity calibrator.
- Ear probe with 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.
- Computer not included but must meet the minimum requirements below.

Computer System Minimum Requirements

- Windows 10 or 11, 64-bit operating system.
- 8 GB RAM and 256 GB hard drive.
- 25 GB available hard drive space.
- Minimum i3 class processor (preferably i5 dual-core), at least 1.80 GHz.
- An available USB 3 port capable of both data transfer and power delivery.
- PDF reader software (e.g., Adobe Acrobat Reader).

Order Information

Product Identifier: OtoStat 3.3 monaural.

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