THINK OUTSIDE OF THE BOOTH™

SHOEBOX Audiometry is the world’s first automated iPad audiometer. More than simply portable, SHOEBOX Audiometry performs diagnostic hearing testing using a modified Hughson-Westlake protocol. The system is FDA and Health Canada listed, conforms to current ANSI S3.6 requirements, and produces the same clinically valid frequency thresholds as conventional audiometers. With SHOEBOX Audiometry, testing can now be performed by almost anyone in any reasonably quiet environment.

SHOEBOX AUDIOMETRY IS:

✓ Boothless Technology:
  Conduct valid hearing testing outside of a sound booth.

✓ Validated:
  by peer-reviewed literature

✓ Connected:
  SHOEBOX Data Management provides access to a cloud-based backup and management system

✓ Compliant:
  conforms to current ANSI S3.6 & CSA Z107.6-16 standards

✓ Diagnostic:
  Uses a modified Hughson-Westlake protocol with added reliability measures

✓ Intelligent:
  adjusts for masking, ambient noise, and response reliability

✓ Listed:
  as a Class II medical device with the FDA and Health Canada

WHAT VERSION OF SHOEBOX AUDIOMETRY IS RIGHT FOR YOU?

CLINICAL: ADVANCED FEATURES

Professional Edition offers both automated and manual testing designed for clinical use and is most often the system of choice for audiologists and ENT physicians. It offers a full range of audiometric capabilities including air and bone conduction with masking, automated testing mode, and speech discrimination testing with sound generation ranging from -10dB to 115 dB.

DIAGNOSTIC: THRESHOLD SEEKING

Standard Edition is an automated diagnostic threshold testing audiometer. The system is ultra-lightweight, easy-to-use, and fun. It is ideal for performing hearing testing in a variety of settings including primary care practices, occupational hearing conservation programs, hearing clinics, humanitarian missions, clinical trial monitoring, and more.
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<th>Features</th>
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<td><strong>Equipment</strong></td>
<td>Compatible with most iPads, contact us for more details</td>
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| **Recommended Transducers** | Sennheiser HDA280  
RadioEar DD450  
RadioEar B81 (Pro edition)  
3M™ E-A-RTONE™ 3A  
TDH-50 (Special order)  
Select cochlear implant processors (Pro edition) |
| **Testing Types** | - Air conduction  
- Bone conduction (Pro edition)  
- Speech discrimination (Pro edition) |
| **Functionality** | - Fully automated game interface  
- Adult, Paediatric Modes, Screening  
- Store, send, or print PDF result reports (graphical format)  
- Integrated patient database, ability to add notes to any patient file  
- Built in questionnaires to capture hearing health background information  
- Customizable frequencies and test protocols  
- Threshold shift recognition (>10dB) and alerts  
- Manual testing interface (Pro edition)  
- Configurable audiogram symbols (Pro edition) |
| **Smart Testing Algorithm** | - Smart ambient noise monitoring improves testing accuracy outside a sound booth  
- Prompts to re-test any threshold where ambient noise or user error may have negatively affected the results  
- Masking in air and bone conduction is prompted at the appropriate levels when needed  
- Bone conduction testing is prompted when needed (Pro edition)  
- Pure Tone Average (PTA) automatically calculated and listed for each ear |
| **Sound Generation** | 250Hz – 16kHz  
-10 dB HL – 90 dB HL  
-10 dB HL – 115 dB HL (Pro edition)  
Step size 5dB, Accuracy: +/- 1 dB  
Stimulus types: Pure tone, Pulsed tone, Warble tone  
Narrowband noise for masking |