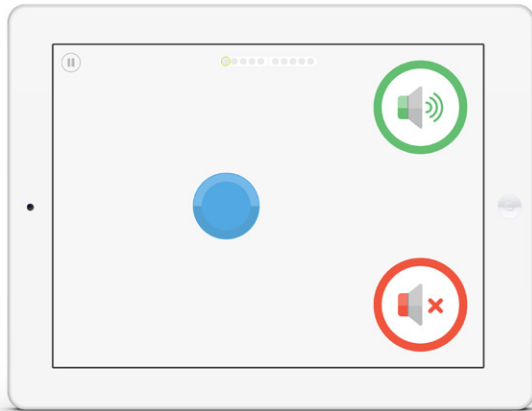


# SHOEBOX Audiometry Standard

The World's Best Portable Audiometer

Easy-to-use, automated, accurate and intelligent



- ✓ Optimized for use outside of a sound booth
- ✓ Clinically validated by peer-reviewed research
- ✓ Conforms to current ANSI S3.6 & CSA Z107.6-16 standards & IEC 60645-1 & 60645-3
- ✓ Uses a modified Hughson-Westlake protocol with added reliability measures
- ✓ Adjusts for masking, ambient noise, and response reliability
- ✓ Listed as a Class II medical device with the FDA and Health Canada, CE Class IIa

SHOEBOX® Audiometry is the world's first automated iPad audiometer. More than simply portable, SHOEBOX performs diagnostic hearing testing using a modified Hughson-Westlake protocol. It is optimized—and validated—for use outside of a sound booth thanks to its patent-pending Response and Environment Adaptive Control Technology (REACT™). REACT ensures test accuracy by continuously monitoring patient response behavior and environmental conditions such as ambient noise levels. It alerts test administrators when it detects anomalies that may impact results accuracy, enabling immediate corrective action.

SHOEBOX Audiometry 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 ototoxicity monitoring, and more.



## Easy to use

Automation makes testing easy and engaging for all



## State of the Art

Tablet audiometry and paperless data management—the future of audiometry



## Accurate

Clinically validated to be as accurate as traditional equipment

# SHOEBOX Standard Features

<b>Equipment</b>	Compatible with most iPads, contact us for more details	
<b>Recommended Transducers</b>	RadioEar DD450	E-A-RTONE™ 3A Inserts
<b>Automated Test Functionality</b>	<p>Optimized for use outside sound booth</p> <p>Select between fully automated or assisted test modes – use assisted mode for even faster test administration or for patients who require assistance</p> <p>Pure tone air with masking</p> <p>Fully automated Modified Hughson-Westlake test</p> <p>Simple administrator test setup wizard</p> <p>Pre-set automated test configurations based on audience, environment and test goals (frequencies, volume limits, graphic choices, and more)</p> <p>Ability to add custom test configurations</p> <p>All patient facing screens translated into 27 languages</p> <p>REACT wizard to alert test administrators when it detects anomalies that may impact results accuracy, enabling immediate corrective action</p> <p>On-screen display of audiogram with automatic interpretation of results and ability to input comments</p> <p>Optional extended high frequency up to 16kHz</p>	
<b>Smart Testing Algorithm</b>	<p>Response and Environment Adaptive Control Technology (REACT) ensures test accuracy by continuously monitoring patient response behavior and environmental conditions such as ambient noise levels</p> <ul style="list-style-type: none"><li>• Intelligent re-test algorithm where ambient noise or user error may have negatively affected results</li><li>• Detection of unreliable user responses</li><li>• Evaluates and flags “unlikely” thresholds for retest</li><li>• Automated masking recommendations are prompted when needed</li></ul> <p>Pure tone average (PTA) automatically calculated with configurable frequencies and listed for each ear</p> <p>Auto-generated interpretation text of the audiogram</p>	
<b>Sound Generation</b>	250Hz – 16kHz -10 dB HL to 90 dB HL Step size 5 dB, accuracy: +/- 1 dB	Stimulus types: Pure tone, warble tone Narrowband noise for masking
<b>Integrated Electronic Questionnaires</b>	Built-in hearing health inventories and questionnaires including calculation of scores Customizable questionnaires and intake forms	
<b>Web-based Data Management Functionality</b>	Refer to our Data Management specification to learn more about the following capabilities: HIPAA compliant data backup, electronic data transfers, data organization, setting patient baselines, monitoring threshold shifts, OSHA/MSHA and other regional compliance reporting requirements, CTCAE and Brock Classification Grade reports, and more	