

Freedom™

Occupational Audiometric Testing System



Freedom from troublesome cabling - instant user installation

Freedom from fixed locations - very portable & expandable

Freedom from hard-to-use software – user friendly screens

Freedom from high prices – very affordable

Now you can easily do it your way with the only wireless occupational hearing testing system which can test from 1 to 6 listeners simultaneously. It is at home in a factory clinic, an occupational health center, in a mobile testing rig, or a quiet room. Since there are no wires you can even move it between locations simply by picking it up! Use a notebook/netbook/tablet computer and you can test for many hours even without AC power. You can't get any more "freedom" than that.

The basic operation of the control software is easy to learn and there are many powerful functions built in. Even without linking to a compatible OSHA recordkeeping system, you can preload listener demographics and baselines so that you will spot threshold shifts during the test and then print the Notifications to hand to the employee immediately at the end of the test.

The **Freedom** system is the latest in a long line of occupational audiometers. Dr. Tony Miltich, the developer, is an occupational audiologist and computer engineer who fielded the first computer controlled multi-station audiometer in 1977. He uses these products "in the trenches" himself and listens to the suggestions that users give him. The real value of computer control, compared to a self-contained unit, is that updates and new features are as easy as an email.

Features:

- Very portable - no installation wiring required – the whole audiometer fits in your hand! Put a complete multi-station system in a computer bag! Set up and begin testing in two minutes.
- Easily test anywhere it's quiet enough. Just monitor the ambient with your SLM.
- Protect valuable equipment from weather extremes. Easily take with you between uses.
- Wireless – 1 to 6 stations – occupational and health screening modes
- Each station connects to control computer via Bluetooth® (up to 30 ft. range)
- First station includes multi-station-capable control software.
- One easy-to-use computer screen controls tests individually or as a group. Touch screen optimized for efficiency and ease of use in mobile testing.
- You can work with one location, such as an in-plant, self-run program, or easily do mobile work with many locations.
- Built in capability to preload demographics and baselines for quick and efficient operation. Immediately produce reports of who was tested, who was missed, and any indicated retests (if baselines loaded).
- Easy to use employee demographics and history questionnaire paper form speeds test flow for greater efficiency. English and Spanish.
- Full page printed Notification for the employee at end of test (if printer attached) in English or Spanish. Other languages on request.
- Employee data can be kept from year to year and updated electronically with a special utility.
- Interfaces with Hear/Trak™ database/reporting software, Medgate™, Systoc™, and others.
- Optional integrated basic reporting package – Employee Audiometric Reporting System
- Optional USB interface to industry standard bioacoustic simulators.
- Future planned enhancements: Integrated ambient monitoring & calibration checker, Preprinted questionnaire labels with bar code scanner station assignment.

Specifications:

- Computer requirements: Tablet and notebook compatible. Optimized for touch screen use. Display 1366x768 or higher. Windows 7 or newer, USB port for adapter.
 - Frequencies: 500, 1k, 1.5k, 2k, 3k, 4k, 6k, and 8k Hz
 - Output Levels: -10 dB to 90 dB HL in 5 dB steps
 - Presentation: Steady or pulse tone with adjustable parameters
 - Test Modes: Manual, automated Hughson-Westlake, automated Australian/New Zealand, automated UK protocol and analysis. Others easily added
 - Calibration: ANSI S3.6-2004 standard
 - Transducers: TDH-39, insert and circumaural headphones available
 - Approvals: Meets all applicable US and international standards
 - Power: (2) AA rechargeable batteries and supplied 5V DC charger. Up to 12 hours operation per charge. Fresh batteries can be installed in 60 seconds.
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- Let's talk about how to get the **Freedom** system just right for your specific needs. Our prices are the best, but our service is "priceless".