Hearing Instrument Test Chamber

The AVANT HIT+ represents a new era of precision Hearing Instrument Testing small enough to be discreetly situated in any office setting.

MedRx AVANT™ HIT+
- ANSI and IEC Hearing Instrument Testing
- Superior acoustic isolation for fast accurate testing
- Results are stored in NOAH™ and easily printed
- Small footprint — Portable
- Computer interfaced and powered via USB

MedRx AVANT HIT+ Box performs 10 standard hearing instrument tests.

AUTOMATED, SELECTABLE ANSI & IEC TESTS
- OSPL-90; Full-On Gain; Reference Test Gain; Frequency Response; Equivalent Input Noise; Harmonic Distortion; Battery Current; Input/Output (AGC); Attack/Release; Induction Coil (maximum SPLI, TLS)
Welcome to the New Generation.

About MedRx

MedRx, Inc. is a U.S. based global manufacturer and developer of advanced computerized diagnostic and hearing instrument fitting technologies, specifically designed for the hearing care professional.


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AVANT HIT+

Specs

Standard Accessories

- Coupler and Reference Microphones
- 2cc Coupler with Accessories
- Set of 4 Battery Pills
- USB Cable

Technical Specifications

Signal Types
- Pure Tone; Broadband Gaussian Noise -- Pink, White, Byrne LTSS and ANSI weighted;
- Synthesized Random Noise -- Pink, White, Byrne LTSS and ANSI weighted; Chirp; ICRA

Standards
- Hearing Aid Analyzer as per ANSI S3.22-2009, IEC 60118-7-2005

Maximum Output
- at least 95 dBSPL

Battery Simulator Output
- Adjustable Output voltage, 0.1 V to 1.5 V in 0.1 V steps

Current Measurement
- 20 uA to 20 mA, Accuracy ± 5%

Battery Pills Provided
- 10 A, 13, 312, and 675

Frequency Range
- 125 Hz to 8000 Hz

Coupler Mic
- Maximum input level 140 dBSPL, 4 x 20 dB attenuator
- 2cc coupler and other adapters supplied

Reference Mic
- Maximum input level: 100 dBSPL
- Omni directional electret

Magnetic Loop
- 31.6 mA/m nominal magnetic field strength

LED Indicator
- Green, ready for use

Communication Port
- USB 2.0 (backward compatible with 1.1)

Power Requirements
- USB power + 5 volts DC, less than 400 mA

Dimensions
- Approximately 24 cm x 25 cm x 16 cm

Minimum Computer Requirements
- IBM®-PC compatible computer
- Intel™ Dual Core, 1.8 GHz or better
- 2 GB RAM
- 5 GB free hard drive space
- Available USB 2.0 ports (2)
- CD-ROM or DVD-ROM drive
- Windows® 7 or 8 Professional (32 or 64-bit)

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