

Advanced programmable  
PC-based hearing  
instrument test chamber

## AVANT HIT+

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)

# 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

# AVANT HIT+



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# Welcome to the New Generation.

## Specs

# AVANT HIT+

## 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.

MedRx has created a remarkable new generation of discreet, yet powerful PC-based instrumentation for Audiometry, Real Ear Measurement, Live Speech Mapping, Hearing Instrument Testing & Evaluation and Video Otoscopy.

## 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 LTASS and ANSI weighted;  
 Synthesized Random Noise – Pink, White, Byrne LTASS and ANSI weighted; Chirp; ICRA

### STANDARDS

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

MAXIMUM OUTPUT at least 95 dB SPL

### BATTERY SIMULATOR OUTPUT

Adjustable Output voltage, 0.1 V to 1.5 V in 0.1 V steps

CURRENT MEASUREMENT 20 uA–20 mA, Accuracy  $\pm 5\%$

BATTERY PILLS PROVIDED 10 A, 13, 312, and 675

FREQUENCY RANGE 125 Hz – 8000 Hz

### COUPLER MIC

Maximum input level 140 dB SPL, 4 x 20 dB attenuator  
 2cc coupler and other adapters supplied

### REFERENCE MIC

Maximum input level: 100 dB SPL  
 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

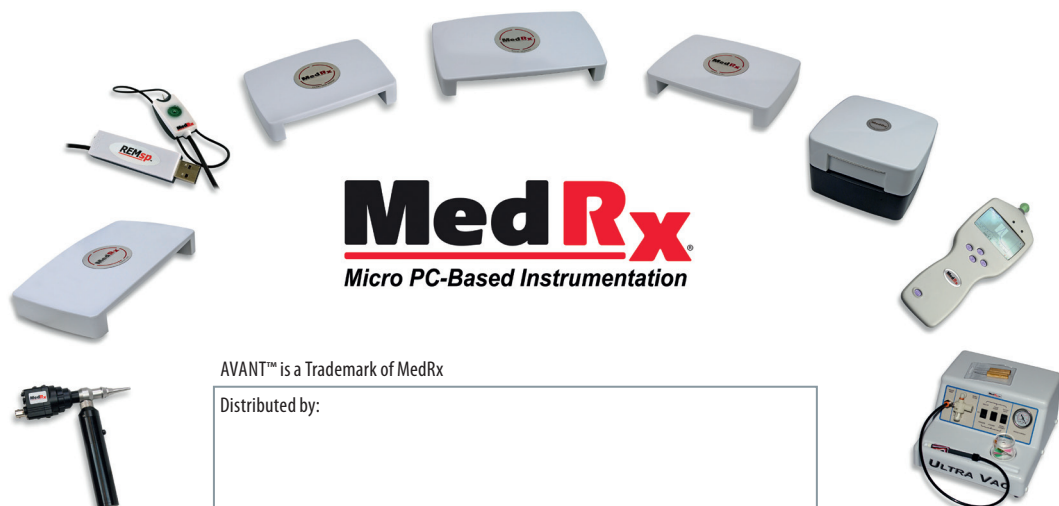
USB power + 5 volts DC, less than 400 mA

### 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)



**MedRx**  
 Micro PC-Based Instrumentation

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