



The Welch Allyn AM 232™ Manual Audiometer

Welch Allyn Brings Precision Audiometry to the Table



Innovation That Delivers More

There's no question that handheld audiometers are important diagnostic tools. But what if more information is needed about a patient's hearing ability? Welch Allyn's AM 232 Manual Audiometer brings audiometric testing capabilities to a new level—affordably:

-))) Test hearing ranges beyond speech frequencies
-))) Obtain the precise threshold of patients' hearing to better identify specific patterns of hearing loss
-))) Meet industry requirements for testing employees
-))) Quantify hearing loss related to otitis media, ototoxic drugs, presbycusis or any of the many factors that affect hearing

Complete testing capability—with complete confidence.

The AM 232 Manual Audiometer enables testing in a full range of frequencies (125 to 8,000 Hz) and intensity levels (-10 to 90 dB HL in 5 dB steps). Its +10 dB push-button feature offers the capability to increase maximum output at each frequency by 10 dB, preventing accidental presentation of uncomfortable levels.

An important added benefit—standard with the AM 232—is the frequency-modulated or FM (warble) stimulus mode.

Users find that children and older people tend to respond better to this mode than to steady or pulsed tones.

The AM 232 Manual Audiometer Features:

-))) Precision-level threshold testing
-))) Full range of frequencies and intensity levels
-))) Steady, frequency-modulated and pulsed stimulus modes
-))) Sleek, ergonomic design

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Consider These Distinct Advantages of the Welch Allyn AM 232 Manual Audiometer

-)) Ergonomic panel design allows one-handed operation and keeps focus on patient response
-)) Convenient controls, designed specifically for easy operator use
-)) Test frequency values easily visible at the dial
-)) HL levels displayed in large, easy-to-see numbers on the LCD
-)) Silent-functioning front panel controls prevent patient cueing
-)) Stimulus On indicator tells the operator exactly when the signal is being presented
-)) Selection modes for steady, pulsed or frequency-modulated stimulus
-)) +10 dB push-button prevents mistaken presentation of uncomfortable tones
-)) Removable cover also functions as a screen between operator and subject, blocking visual clues to enhance response accuracy
-)) Sturdy yet lightweight—and notebook size for easy, room-to-room portability, minimal surface-space use
-)) Ample storage space for the standard headphones and optional accessories
-)) Durability and years of dependable service—ensured by microprocessor-based technology



Optional Accessories

- **Audiocups**—help by eliminating 10 dB more of ambient sound
- **Response Handswitch**—helps operator stay focused on responses
- **Battery Pack Assembly**—uses rechargeable nickel-cadmium or alkaline batteries and features automatic shutoff and low-battery indicator
- **Patch Cord**—enables testing in soundproof booths

Ordering Information

- 23200 AM 232 Manual Audiometer, AC only, North America
- 23205 AM 232 Manual Audiometer, AC only, export (specify country and voltage)
- 23210 AM 232 Manual Audiometer, AC power and rechargeable battery, North America
- 23215 AM 232 Manual Audiometer, AC power and rechargeable battery, export (specify country and voltage)
- 23220 Response Handswitch
- 23221 Patch Cord
- 23222 Audiocups
- 23223 Replacement Headset (TDH 39)
- 72320 Replacement Rechargeable Battery Pack only
- 52300 Audiogram Forms (1 pad of 50; 10 pads per case)

Specifications

Frequency

- **Discrete Frequencies:** 125, 250, 500, 750, 1,000, 1,500, 2,000, 3,000, 4,000, 6,000, 8,000 Hz

Intensity

- Measured in 5 db steps
- **Ranges:**
 - 125 Hz -10 to 50 dB HL
 - 500 to 6,000 Hz -10 to 90 dB HL
 - 250 and 8,000 Hz -10 to 70 dB HL

Note: An additional +10 dB is available per frequency via the +10 dB push-button

Tone Presentation

- **Continuous:** Steady when present bar depressed
- **Pulsed:** 2.5 pulse/sec
- **FM:** Tone frequency modulated $\pm 5\%$ of center frequency at a rate of 5 Hz

Standards

- The AM 232 meets ANSI S3.6 and IEC 645 Type 4 Audiometer Standards, and IEC 601-1, CSA C22.2 No. 601-1, and UL 544 electrical standards

Power Consumption

- **Line Operated:** 9 watts
- **Battery Operated:** Rechargeable (NiCad), nonrechargeable (alkaline)

Mechanical

- **Dimensions:** 13.25" W x 14" D x 3.75" H (33.66 cm x 35.56 cm x 9.53 cm)
- **Weight:**
 - 5.6 lb (2.53 kg) net
 - 8 lb (3.64 kg) shipping
 - 10 lb (4.55 kg) shipping with rechargeable battery included

To learn more about the Welch Allyn AM 232, call your local Welch Allyn sales representative or Welch Allyn Customer Service at 1.800.535.6663 opt 3.

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