

WELCH ALLYN BRINGS PRECISION AUDIOMETRY TO THE TABLE

AM 232™ Manual Audiometer

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



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 new AM 232 Manual Audiometer brings audiometric testing capabilities to a new level—affordably.

- Test hearing in 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 8000 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 tone 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, yielding more reliable test results for patients in these age groups.

The AM 232 Manual Audiometer provides everything needed to diagnose and refer patients with complete confidence. And with the Welch Allyn name behind it, the AM 232 Manual Audiometer is an instrument that can be relied upon for accurate results and superior performance for many years to come.

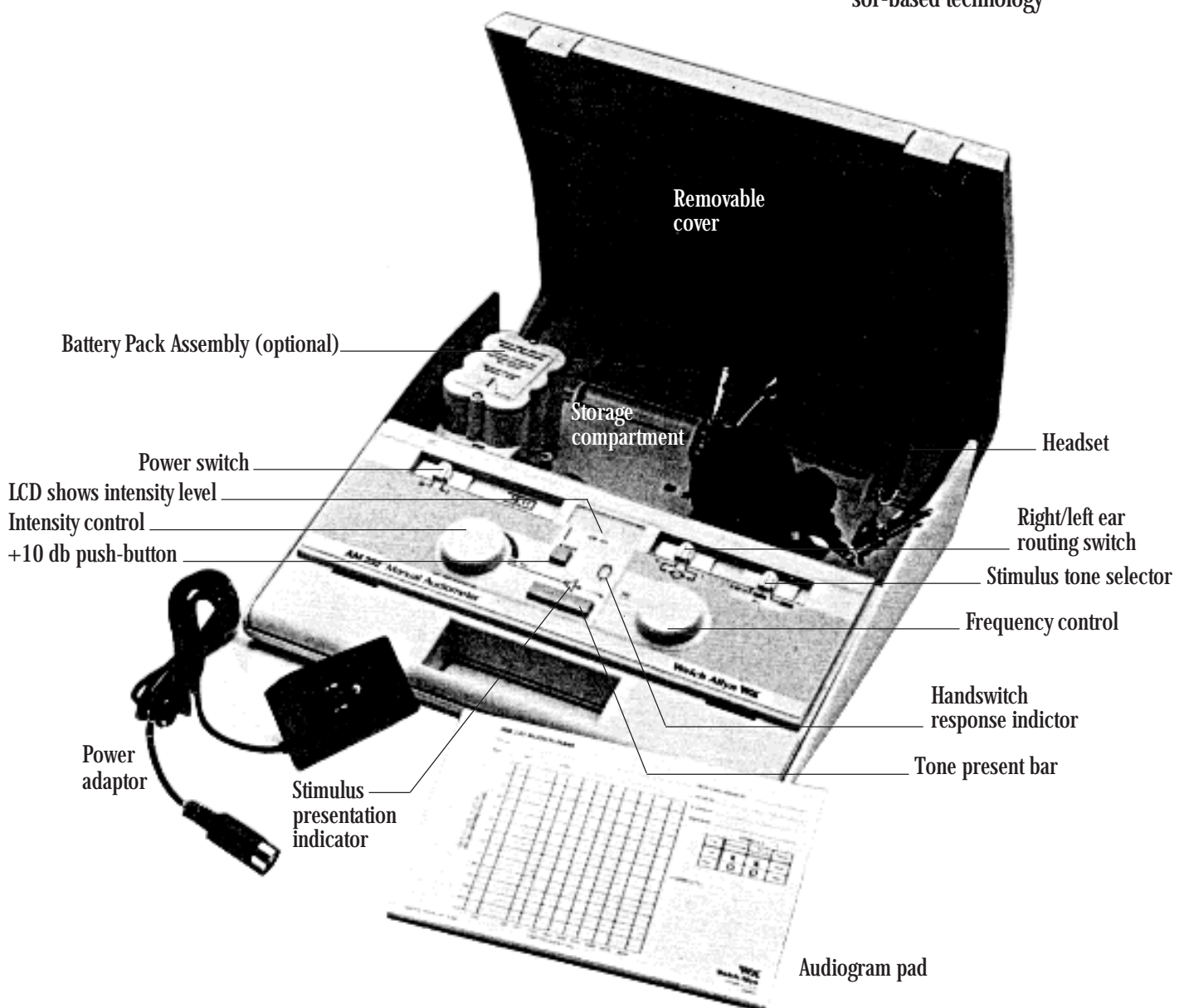
Meet industry testing requirements with the AM 232 Manual Audiometer's full range of frequencies and intensity levels.

Ergonomic design lets operator keep focus on patient response.

The AM 232 Manual Audiometer enables operators to quantify specific patterns of hearing loss—easily and affordably.

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 for increased reliability of responses
- +10 dB push-button prevents mistaken presentation of uncomfortable frequency 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 sound-proof booths

Ordering Information

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

Specifications

Frequency

Discrete Frequencies:

125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz.

Intensity

Measured in 5 dB steps.

Ranges:

125 Hz	-10 to 50 dB HL
500 to 6000 Hz	-10 to 90 dB HL
250 and 8000 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 +/-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) or
Non-rechargeable (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

Welch Allyn: A Name Customers Can Count On

For years Welch Allyn has delivered advanced, dependable products and reliable service worldwide. Count on the new AM 232 Manual Audiometer to deliver nothing less than everything Welch Allyn customers expect.

Welch Allyn, Inc.

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