

AD226

Diagnostic Audiometer

Stationary or portable

The AD226 is a deceptively powerful and portable audiometer. Not only can you easily perform routine air and bone conduction threshold audiometry, but it comes with multiple advanced features for other applications.

Automatic testing

The AD226 incorporates a facility for performing threshold determination automatically. The test procedure is based on either the Hughson-Westlake method (up 5dB, down 10dB) or the standard OSHA procedure. Desired test frequencies may be selected freely by the user. The Békésy test, featuring pure tone, pulsed tone, narrow band noise or white noise as stimulus as well as masking with narrow band noise, is also incorporated. Upon test completion the test results can be recalled from memory of the AD226 or transferred to a PC for database storage or printing.

ABLB / SISI / Stenger / Langenbeck

As well as the pre-programmed ABLB and SISI tests, the AD226 can perform the Stenger test for evaluating malingering. The Langenbeck Tone in Noise test is also included.

Features include:

- Air and bone conduction
- Pure tone, warble and pulsed tones
- WN and NB masking
- Built-in Talk forward microphone
- NOAH and OtoAccess™ compatible
- 5dB and 1dB attenuators
- USB/RS232 connection for PC
- Printing options via PC



Hard shell carrying case

Tests

- Air conduction
- Bone conduction
- Stenger
- Auto Threshold (Hughson-Westlake or OSHA)
- Békésy
- ABLB
- SISI
- Langenbeck Tone in noise

PC Integration, Printing and Reports

With the new Diagnostic Suite software program the AD226 can interface directly to the IA OtoAccess™ database program or to NOAH on your PC. In either case, the Diagnostic Suite will make your reports stand out.

Diagnostic Suite offers features such as:

- Simple audiometric data transfer
- Customized report templates
- Customized print templates
- Patient and session handling
- Audiometric symbol editor
- Database integration into NOAH or OtoAccess™



Diagnostic Suite software

AD226

- Air and bone conduction
- PC integration for printing and storage
- Cost-effective solution for clinicians needing a well-featured audiometer
- Well-suited for stationary and portable application



Interacoustics®

Leading diagnostic solutions

Technical Specifications

Intensity :	-10 to 120 dB HL in 1 or 5 dB steps. AC: -10 to 120 dB HL in 1 or 5dB steps BC: -10 to 80 dB in 1 or 5 dB steps
Frequency range:	125-8000 Hz
Input:	Tone, Warble Tone +5%, 5Hz (true sine wave frequency modulation).
Masking stimulus:	NB Noise / White Noise.
Outputs:	Left, Right, Bone L+R, Insert Phones, Insert Masking.
Talk forward:	Built-in talk forward microphone. 0-110dB SPL continuously adjustable on operation panel.
Tone presentation:	Manual or Reverse. Single pulse. Multiple pulses 250-5000 msec. on/off.
Frequency selection:	125Hz, 250Hz, 500 Hz, 750Hz, 1500Hz or 8kHz may freely be deselected
Synchronous masking:	Locks channel 2 attenuator to channel 1 attenuator.
Store function:	Internal memory for AC L/R and BC L/R.
Special tests:	SISI. ABLB. Stenger. Langenbeck. Békésy Test. Auto threshold.
Display:	Alpha-Numeric Display.
Patient signal:	Reed switch push button.
Examples of compatible Windows® software:	Diagnostic Suite for PC-integration (OtoAccess™ and Noah compatible)
Power supply:	External UPS400 (included). 100 - 115 V or 230 V Please specify.
Consumption:	40 VA
Dimensions and weight:	(WxDxH): 30x23x9 cm/12x9x4 inches. Weight: 1.3kg/2.9 lbs. (external power supply UPS400 + 0.8kg/1.8 lbs.)
Audiometer standard:	EN 60645 -1, ANSI S3.6, Type 3
Safety standard:	EN 60601-1, Class I, Type B.
Medical CE-mark:	Yes
Included parts:	TDH39 Audiometric Headset B71 Bone Conductor APS3 Patient Response Button UPS400 External Power Supply 200 AF12 Audiogram Charts 3 Pens Dust Cover Operation Manual CD Calibration certificate and warranty card
Optional parts:	ACC26 Carrying Case EARTone3A/5A Audiometric Insert Phones IFC69 (9 pins) computer cable Diagnostic Suite OtoAccess™ Database

Other audiometers:

- PA5 Pediatric Audiometer
- AS608/AS608e Screening Audiometer
- AD229e Diagnostic Audiometer
- AC33 Clinical Audiometer
- AC40 Clinical Audiometer
- Equinox^{2.0} PC-based Audiometer

Audiometer and middle ear analyzer in one:

- AA222 Audio Traveller



Sales and service in your area:

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Read more here:
www.interacoustics-us.com/us/AD226



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leading diagnostic solutions