

**AD226**

*Diagnostic Audiometer*



*Save time on routine*



**Interacoustics®**

leading diagnostic solutions

# 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

The audiometer offers PC-integration using the Diagnostic Suite Windows® software for transferring audiometric data to the PC.

The diagnostic suite offers features such as:

- Audiometric data transfer
- Advanced print layout wizard
- Personalized and combined reporting
- Advanced report page
- Patient and session handling
- Audiogram symbol editor
- Full database integration: OtoAccess™ and Noah compatible



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



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# Technical Specifications

<b>Intensity :</b>	AC: -10 to 120 dB HL in 1 or 5dB steps BC: -10 to 80 dB in 1 or 5 dB steps
<b>Frequency range:</b>	125-8000 Hz
<b>Input:</b>	Tone, Warble Tone +5%, 5Hz (true sine wave frequency modulation).
<b>Masking stimulus:</b>	NB Noise / White Noise.
<b>Outputs:</b>	Left, Right, Bone L+R, Insert Phones, Insert Masking.
<b>Talk forward:</b>	Built-in talk forward microphone. 0-110dB SPL continuously adjustable on operation panel.
<b>Tone presentation:</b>	Manual or Reverse. Single pulse. Multiple pulses 250-5000 msec. on/off.
<b>Frequency selection:</b>	125Hz, 250Hz, 500 Hz, 750Hz, 1500Hz or 8kHz may freely be deselected
<b>Synchronous masking:</b>	Locks channel 2 attenuator to channel 1 attenuator.
<b>Store function:</b>	Internal memory for AC L/R and BC L/R.
<b>Special tests:</b>	SISI. ABLB. Stenger. Langenbeck. Békésy Test. Auto threshold.
<b>Display:</b>	Alpha-Numeric Display.
<b>Patient signal:</b>	Reed switch push button.
<b>Examples of compatible Windows® software:</b>	Diagnostic Suite for PC-integration (OtoAccess™ and Noah compatible)
<b>Power supply:</b>	External UPS400 (included). 100 - 240 V
<b>Consumption:</b>	60 VA
<b>Dimensions and weight:</b>	(WxDxH): 30x23x9 cm/12x9x4 inches. Weight: 1.3kg/2.9 lbs. (external power supply UPS400 + 0.8kg/1.8 lbs.)
<b>Standards:</b>	Audiometer: IEC 60645 -1, ANSI S3.6, Type 3 Safety: IEC 60601-1, Class I, Type B. EMC: IEC 60601-1-2
<b>Medical CE-mark:</b>	Yes
<b>Included Parts:</b>	TDH39 Audiometric headset B71 Bone conductor APS3 Patient response switch UPS400 External power supply Power cable 200 AF12 Audiogram charts 3 Pens Dust cover Operation anual CD Multilingual CE Instructions for Use
<b>Optional Parts:</b>	21925 Amplivox Audiocups, noise reducing headset 50250 Peltor noise reducing headset (may be supplied at not extra cost) EARTone5A Audiometric insert phones IFC69 (9 pins) serial computer cable UCA40 USB computer cable Push buttons instead of rotary ACC26 Carrying case IA-NOAH aud software OtoAccess™ Database and diagnostic modules software

## Other audiometers:

- PA5 Pediatric Audiometer
- AS608 Screening Audiometer
- AD229e Diagnostic Audiometer
- AD229b Diagnostic Audiometer
- AC33 Clinical Audiometer
- AC40 Clinical Audiometer
- Equinox Clinical Audiometer

## Audiometry and Middle Ear Analyzer in one:

- AA220 Audio Traveller
- AA222 Audio Traveller



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## Sales and service in your area:

Read more here:

[www.interacoustics.com/com/AD226](http://www.interacoustics.com/com/AD226)



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