

AD229e

Feature Overview



Interacoustics[®]

leading diagnostic solutions

Auto Threshold

The AD229e incorporates a function for performing threshold determination automatically. The test procedure is based on the Hughson-Westlake method (up 5dB, down 10dB).

Speech Testing and Communication

Live voice testing and communications include the built-in goose-neck microphone or the choice of a combination headset with boom-mic. The user has the choice of live voice and recorded speech testing with the ability to do CAPD testing via CD1/CD2 inputs. Live voice, talk-forward and talkback microphones with independent adjustable volume controls are standard along with a built-in monitor speaker. A speech scoring function stores test results and all results may be transferred to a PC.

Master Hearing Aid

The AD229e incorporates a 2 channel MHA for hearing aid simulation. The speech signal from the microphone is transformed directly into digital signals, and all sound shaping filters ensure high quality sound to simulate a variety of aided amplification slopes. Then the acoustic gain can be controlled for each individual ear.

Free Field Capability

Free Field Speaker packages are available to accommodate your personal amplification requirements. Ask your local distributor for more details.

ABLB / SISI / Stenger / Tone in Noise

As well as the pre-programmed ABLB and SISI tests the AD229e can perform the Stenger Test with pure tones for evaluating malingering, or as a binaural speech test with a monophonic speech signal. The Langenbeck "Tone in Noise" Test is also available.

Printing

The PC connectivity of the AD229e allows a direct interface to a NOAH Audiometry Module or our optional proprietary OtoAccess Database. The user has the choice of using the Interacoustics print layout format or the traditional NOAH Audiometry printout.

Data Storage with Windows® Based Software

Transferring data to a PC is possible by two different applications. The Interacoustics database OtoAccess™ enables data collection from multiple instrument sources into one patient file. Hearing aid information may also be included. NOAH hearing aid fitting software will also integrate the test data when used with the Interacoustics NOAH audiometry module software.

Békésy

The Békésy Test, featuring pure tone, pulsed tone or narrow band noise as stimuli as well as masking with narrow band noise, is incorporated. After testing the test results can be recalled from the memory of the AD229e or transferred to a PC for database storage or printing. A buzzer is built in, allowing the operator to be informed about test status when doing automatic tests.

Insert Earphone Option

The internal calibration program of the AD229e allows for separate calibration files of multiple transducers, thereby allowing the user to quickly switch between traditional earphones and insert

phones without using correction factors. Insert earphones provide the added benefit of less cross over (reducing the need for masking) and added ambient noise attenuation.