

AC33

Feature Overview

Two Independent Channels

The AC33 is a two channel clinical audiometer which provides a wide range of input and output parameters, thus ensuring optimum test stimulus and transducer combinations.

Free Field Capability

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

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

Auto Threshold

The AC33 incorporates a facility for performing threshold determination automatically. The test is based on the Hughson-Westlake method (up 5dB down 10dB) and conforms to ISO 8253-1.

Tests

The AC33 provides a high degree of flexibility in routing stimuli to outputs, allowing the clinician to perform a diverse range of tests. These may include ABLB, Stenger using tone or speech, binaural speech, tone in noise, and SISI with automatic scoring.

Masking

The AC33 automatically pre-selects the appropriate noise when masking is activated in a particular test.

A "Synchronise" function provides automatic tracking between the stimulus and masking levels. Ipsilateral as well as contralateral masking is available for both tone and speech testing.

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 audiometer module software.

Insert Earphone Options

The internal calibration program of the AC33 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.