



Model 270

Diagnostic Audiometer

- Air, bone and speech audiometry
- Pure tone, continuous, pulsed and warble tones
- Range of clinical tests
- Optional NOAH interface
- Compact and easy to use
- Talk forward/back function
- Optional printer
- Optional insert earphones

The **Amplivox 270** is a diagnostic audiometer that excels in the critical areas of technology, ergonomics and ease of use.

Technology

A comprehensive specification including several clinical tests, transducer output choices and test result recording options together with unsurpassed product reliability is made possible by the use of advanced digital technology.

Ergonomics

The controls are arranged in a clear and logical manner. Test information appears instantaneously on the large integral display which is set at an optimal viewing angle.

Ease of Use

A reduced test time is achieved with the use of the threshold retention facility and quiet, positive action rotary controls. Test results can be saved in memory, printed with the optional printer or exported via the NOAH compatible interface (AC and BC results).

Portable

The **Amplivox 270** is a very compact audiometer and has the flexibility to be used for both clinic and portable applications. The optional lightweight carrying case is designed to accommodate the audiometer and accessories.





- Mains adaptor
- Integrated talk over function

Optional equipment

- Custom-designed carrying case
- Insert earphones
- NOAH interface software*
- External printer and lead*
- Monitor/masking earpiece and lead
- Microphone(s)
- Audiocups (noise reducing earphone enclosures)
- Audiogram cards

* For AC and BC test results.

Standard equipment

- Audiometric headset
- Bone conductor headset
- Patient response switch
- Audiogram cards (50)
- Operation manual

Technical Specification

OUTPUT/INPUT DATA

Outputs: Left AC, Right AC, Bone (L&R) insert masking and freefield
 Frequency range (Hz): AC: 125-8kHz BC: 250Hz-8kHz
 Frequency accuracy: <1%
 Distortion: <2%
 Output level range (AC): -10dBHL to 120dBHL (max)
 Output level range (BC): -10dBHL to 70dBHL (max)
 Output level range (FF): Up to 90dB
 Insert masking output: 90dBHL max (250-4kHz)
 Output level accuracy: Within 3dB
 Output level step size: 2.5dB/5dB
 Output transducer options: TDH39/TDH49 earphones, optional insert earphones and freefield
 Tone present: Single, pulsed, warble or continuous
 Masking: Narrowband or broadband
 Lock: Synchronous channel lock
 Clinical tests: SISI Stenger ABLB SAL
 Communication: Integral talk over and talk back facility
 Recorded speech: Tape or CD input
 Live speech: 2 x microphone input
 Level indicator: Monitors live and recorded speech
 NOAH interface: Transfer of AC and BC test results

PHYSICAL DATA

Display: 2 lines of 24 characters
 Power (UK): 240V ac 50/60 Hz
 Dimensions (mm): 355 x 230 x 100 high
 Weight: 1.54kg

STANDARDS

The Amplivox 270 conforms to the relevant clauses of the following standards.
 Safety: EN60601-1
 EMC: EN60601-1-2
 Audiometric: EN60645
 CE mark: Approved for Medical Device Directive

The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.

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