

Model 116

Screening audiometer

Combining style with functionality, the **Amplivox 116** is the ideal manual screening audiometer for primary care, schools and industry. It offers a comprehensive air conduction threshold facility at a very affordable price.

Improved use

A reduced test time and improved patient concentration is made possible by the threshold retention function. Test results can be displayed and recorded at the end of the test and not between frequencies. Results can also be printed using the optional designated printer.

Ergonomic design

Laid out in an ergonomic manner, the control panel is clear, easy to read and very easy to use with all settings and results displayed on the integral display. The **Amplivox 116** is designed and manufactured to conform with relevant audiometric and safety standards.

Totally portable

Lightweight and compact, the **Amplivox 116** is totally portable and is ideal for both desktop and mobile use. The **116** can also be supplied with the optional battery power function in addition to mains power if required.

- Totally portable
- Compact and easy to use
- Pure tone, continuous, pulsed and warble tones
- Threshold retention function
- Optional printer
- Talk forward function
- 125 to 8000 Hz test frequency range
- -10 to 100 dBHL range
- Supplied with carry case, patient response switch and mains PSU



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Technical specifications

Output/input data

| | |
|--------------------------|---|
| Outputs: | Left AC, Right AC |
| Frequency range (Hz): | 125, 250, 500, 750, 1K, 1K5, 2K, 3K, 4K, 6K, 8K |
| Frequency accuracy: | <1% |
| Distortion: | <2% |
| Output level range (AC): | -10dBHL to 100dBHL (max) |
| Output level accuracy: | Within 3dB |
| Output level step size: | 5dB |
| Tone present: | Single, pulsed, warble or continuous |

Physical data

| | |
|------------------|------------------------------------|
| Graphic display: | 2 lines of 24 characters (backlit) |
| Power (battery): | 4 x 'C' cell batteries |
| Power (mains): | 240V ac 50/60 Hz |
| Dimensions (mm): | 252 x 170 x 65 high |
| Weight: | 720 grams |

Standards

The Amplivox 116 conforms to the relevant clauses of the following standards.

| | |
|--------------|---|
| Safety: | IEC 60601-1 |
| EMC: | IEC 60601-1-2 |
| Audiometric: | IEC 60645-1 |
| CE mark: | Complies to EU Medical Device Directive |

Equipment

Standard equipment

- Audiometric headset
- Patient response switch
- Audiogram cards (50)
- Operating manual
- Mains power adaptor
- Carrying case



Carrying case

For absolute portability the Amplivox 116 is supplied with a lightweight carrying case which is designed to accommodate the audiometer and all accessories.

Optional equipment

- Battery power function
- Audiocups (noise reducing earphone enclosures)
- Audiogram cards
- External printer

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