

# Otosure

*Portable PC-based automatic audiometer*



The **Amplivox Otosure** is a PC-based automatic audiometer that provides a pro-active and portable solution to satisfy audiometric screening requirements.

## Technology

Incorporating digital technology, high quality standard audiometric connections and USB connectivity, the **Amplivox Otosure** provides a reliable and robust 'plug and play' solution that can be used with desktop PC's, laptops and, or PC tablets running the Windows® operating system. User definable test options provide a customisable solution and the **Otosure** can also interface to a number of leading OH database applications.

## Pro-active

All tests can be reviewed in real time and on-screen comparisons can be made with previous results. The **Amplivox Otosure** also has a user definable recall function and extensive data analysis features that enable 'at risk' individuals and user defined groups to be identified and monitored.

## Portability

Pocket sized and a weight of just 165g provide an extremely portable audiometer that can be used for both static and mobile requirements.

The **Amplivox Otosure** is a very cost effective solution for the provision, storage and management analysis of audiometric test results.

- Pocket sized audiometer
- USB connectivity
- 'Plug and play' functionality
- Test results analysis
- User definable recall facility
- Identification of 'at risk' personnel
- In-depth management analysis



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*specialists in healthcare products*

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## Technical specifications

### Output/input data

|                         |  |
|-------------------------|--|
| Frequency range (Hz):   | 125, 250, 500, 1K, 1K5, 2K, 3K, 4K, 6K, 8K |
| Frequency accuracy:     | <1%  |
| Distortion:             | <2%  |
| Output level range:     | -10dBHL to 100dBHL (max)                   |
| Output level accuracy:  | ±3dB                                       |
| Test modes:             | Computer<br>Manual                         |
| Output level step size: | Computer; 5dB<br>Manual; 5dB               |
| Threshold level:        | Computer; 5dB<br>Manual; 5dB               |

### System requirements

|                   |   |
|-------------------|---|
| Operating system: | Stand alone PC with Windows 7 or higher   |
| Disc drives:      | CD and hard disc drive  |
| Memory:           | Internal memory and available disc space as required by the PC operating system |
| Software:         | The programme will be supplied on a CD  |
| Interface:        | USB   |

### Physical data

|                  |                            |
|------------------|----------------------------|
| Power:           | Via USB connection from PC |
| Dimensions (mm): | 120 x 86 x 28 high         |
| Weight:          | 165 grams                  |

### Standards

The Amplivox Otosure 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
- Operation manual (CD)
- USB cable
- Custom-designed carrying case



### Carrying case

For domiciliary use, the **Amplivox Otosure** is supplied with a carrying case, designed to accommodate the audiometer and all accessories.

### Optional equipment

- Audiocups (noise reducing headset enclosures)

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Amplivox Ltd, 3800 Parkside, Solihull Parkway,  
Birmingham Business Park, Birmingham,  
West Midlands B37 7YG United Kingdom

Tel: +44 (0) 1865 880846 • E-mail: [hello@amplivox.com](mailto:hello@amplivox.com)

[www.amplivox.com](http://www.amplivox.com)