PC850

Portable PC-based automatic audiometer

The **Amplivox PC850** is a portable automatic audiometer that integrates with a PC to provide a comprehensive and pro-active audiometric facility.

Comprehensive

Three extensive tests including the Bekesy test and an on-screen audiometric questionnaire facilitate a completely paper-less audiometric function. All tests can be reviewed on-screen and subsequently printed or electronically exported if required.

Pro-active

The **Amplivox PC850** has a user definable recall facility and extensive data analysis features that enable 'at risk' individuals and user defined groups to be identified and monitored.

Portability

With a unit weight of just 710g and USB connectivity, the **Amplivox PC850** can be transferred from location to location with ease.

The **Amplivox PC850** is a cost effective solution for the provision, storage and management analysis of audiometric test results.

- **Pro-active PC-based automatic audiometer**
- **Bekesy test function**
- **Test results analysis**
- **User definable recall facility**
- **Identification of 'at risk' personnel**
- **In-depth management analysis**
- **Patient communication facility**
- **USB connectivity**



PC not supplied

amplivox *specialists in healthcare products*

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Technical specifications

Output/input data

Frequency range (Hz):	250, 500, 1K, 1K5, 2K, 3K, 4K, 6K, 8K
Frequency accuracy:	<1%
Distortion:	<2%
Output level range:	-10dBHL to 100dBHL
Output level accuracy:	±3dB
Test modes:	Bekesy Computer (BS6655) Manual
Output level step size:	Bekesy; 2.5dB Computer; 5dB Manual; 5dB
Threshold level:	Bekesy; 1dB Computer; 5dB Manual; 5dB

System requirements

Operating system:	Stand alone PC with Windows XP 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

Display:	2 lines of 24 characters
Power:	100-240V ac 50-60Hz
Dimensions (mm):	270 x 175 x 68 high
Weight:	710 grams

Standards

The Amplivox PC850 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
- Mains adaptor
- Quick reference operating guide
- USB cable
- Custom-designed carrying case



Carrying case

For domiciliary use, the **Amplivox PC850** 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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The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.