

PC 850

Automatic Audiometer

- 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
- Extremely portable (weighs just 700g)

The **Amplivox PC850** is an 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 700g, 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.





Standard equipment

- Audiometric headset
- Patient response switch
- Operation manual
- Mains adaptor
- Quick reference operating guide
- Custom-designed carrying case

Optional equipment

- Audiocups (noise reducing headset enclosures)
- USB adaptor



Carrying case

For domiciliary use, the **Amplivox PC850** is supplied with a carrying case, designed to accommodate the audiometer and all accessories.

Technical Specification

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 95dBHL

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

Processor: A Pentium processor or equivalent running at 133Mhz or faster

Memory: CD and a hard disc drive with a minimum of 50MB free space

Operating system: Stand alone PC with Windows 98 or higher

Disc drives: CD and a hard disc drive, with minimum 50MB free space

Software: The programme will be supplied on a CD

Interface: RS232 (can use a USB port with optional USB adaptor)

PHYSICAL DATA

Display: 2 lines of 24 characters

Power: 90-240V ac 50/60 Hz

Dimensions (mm):
260 x 180 x 70

Weight: 700 grams

STANDARDS

The Amplivox PC850 conforms to the relevant clauses of the following standards.

Safety: EN60601-1
EMC: EN60601-1-2
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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