

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

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specialists in healthcare products

PC850

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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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