amplivox

For everyone



# Model 170

## Manual & automatic screening audiometer

**Cost-effective and easy-to-use, the Model 170 is the preferred tool of choice for hearing care professionals who complete hearing tests within schools, primary care, GP surgeries and industry.**

### Ergonomic design

Designed with the operator in mind, the Model 170 has a clear display panel and dedicated soft key layout, allowing complete focus on the test subject and reducing the time it takes to do examinations.

### Time saving

The audiometer includes test frequencies and attenuation ranges required to perform a wide range of pure tone audiometry, such as standard threshold or sweep testing for school screening.

Automatic test routines with pure and pulsed test tones enable large-scale screening programmes to be delivered effectively.

### Portability

At only 720g (1.52lbs), the lightweight and robust design of the Model 170 benefits any hearing care professional who frequently travels. This instrument is supplied with a custom carry case and all standard accessories.

### Data management

Results can be manually recorded, printed with the optional portable printer, saved in internal memory and or transferred to a PC application, thus giving a comprehensive range of data management choices.

The audiometer also offers integration to a number of third-party Electronic Medical Record (EMR) systems. This enables the seamless transfer of results and data, for improved workflow efficiency.

For specific occupational health screening programmes, the Model 170 can also be supplied with the Amplivox Audibase data management software which will automatically categorise hearing tests.

| Key features |
|---|
| Manual and automatic screening |
| Compact, lightweight and portable |
| Extended frequency range: 125 – 8000Hz |
| Attenuation range: -10 – 100 dBHL |
| User defined test routines |
| Automatic threshold saving |
| PC Software included |
| Intuitive and ergonomic design |

2 Year Warranty

Visit www.amplivox.com/audiometry/model-170 to learn more about the features and benefits of the Model 170

www.amplivox.com | +44 (0)1698 208216 | info@amplivox.com

# Model 170

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Technical specifications

## Air conduction audiometry

| | |
|---|---|
| Frequency range (kHz): | 0.125, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8 |
| Frequency accuracy: | <1% |
| Distortion: | <2% |
| Output level range: | -10dBHL to 100dBHL ±3dB |
| Output level step size: | 5dB |
| Tone present: | Single and pulsed |
| Test method: | Manual and automatic audiometry |

## Communication

| | |
|---|---|
| Talk over: | Integrated |

## Data management

| | |
|---|---|
| Internal database: | 12 audiograms |
| Optional printer: | Thermal printer |
| Data transfer: | Via USB cable to designated EMR systems |
| Languages: | English |

## Physical data

| | |
|---|---|
| Graphic display: | 2 lines of 24 characters |
| Power: | Mains: 240Vac 50/60Hz |
| Dimensions (L x W x H): | 252 x 170 x 65mm |
| Weight: | 720g / 1.58lbs |

## Safety and standards

| | |
|---|---|
| Type: | Audiometer Type 4 |
| Safety: | IEC 60601-1 (plus UL, CSA & EN deviations) |
| EMC: | IEC 60601-1-2 |
| Performance: | IEC 60645-1/ANSI S3.6 |
| CE Mark: | Complies to EU Medical Device Regulation (MDR 2017/745) |

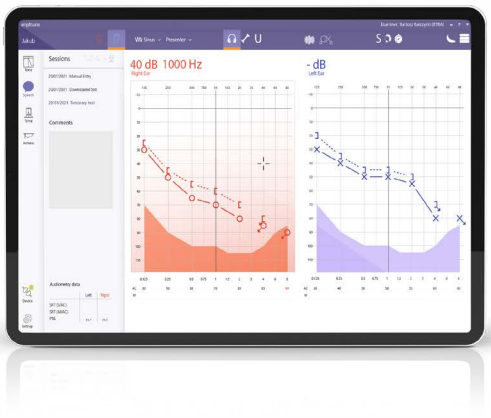
## Standard equipment

- Standard audiometric headset
- Subject response switch
- Audiogram cards (50)
- Power supply with country adaptors
- Carry case
- Manual & software (available via website download)

## Optional equipment

- Amplivox Audiocups (noise-reducing enclosures)
- Thermal printer
- Pediatric headband
- USB cable (PC connection)
- Audibase software
- Booth leads

# Additional information




## Amplisuite

Amplisuite is an audiometry software application which allows for easy results download, processing and management, with the inclusion of useful counselling tools such as speech bananas etc.

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Birmingham, B37 7GN, United Kingdom

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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.

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