



For everyone



# Model 170

## Manual and 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 710g (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
- Third-party EMR connectivity
- Intuitive and ergonomic design

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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 $\pm$ 3dB
Output level step size:	5dB
Tone present:	Single
Test method:	Manual and automatic audiometry

## Communication

Talk over:	Integrated
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## Data management

Internal database:	12 audiograms
Optional printer:	Thermal printer
Data transfer:	Via USB 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

Safety:	IEC 60601-1 (plus UL, CSA & EN deviations)
EMC:	IEC 60601-1-2
Performance:	Type 2 (IEC 60645-1:2017), Type 3BE (ANSI S3.6:2010)
CE Mark:	Complies to EU Medical Device Regulation (MDR 2017/745)

## Standard equipment

- Standard audiometric headset
- Patient response switch
- Audiogram cards (50)
- Power supply with country adaptors
- Carry case
- USB stick (manuals and Amplisuite software)

## Optional equipment

- Amplivox Audiocups (noise-reducing enclosures)
- Thermal printer
- Pediatric headband
- USB cable (PC connection)
- Audibase software
- USB stick (manuals, audiometry module for Noah and Amplisuite 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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