



For everyone



# Model 116

## Manual screening audiometer

Cost-effective and easy-to-use, the Model 116 is an essential tool for completing hearing tests within schools, primary care and GP surgeries.

### Ergonomic design

Designed with the operator in mind, the Model 116 has a clear display panel and dedicated soft key layout, allowing total focus on the test subject and reducing the time it takes to complete hearing assessments.

### Time saving

The audiometer includes all 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.

It offers pure, pulsed, warble and continuous tones which allow for the testing and identification of hearing issues in subjects with tinnitus, presbycusis and noise induced hearing loss (NIHL).

Automatic threshold results saving significantly reduces operator test times and increases attention of the test subject for more accurate results.

### Portability

At only 720g (1.58lbs), the lightweight and robust design of the Model 116 is perfect for healthcare professionals who need to travel. It also comes supplied with a custom carry case and all standard accessories. The optional battery power function can be used in all test settings, offering additional flexibility.

### Data management

Test results can be manually recorded, printed via the optional portable printer and or transferred to PC applications such as Amplivox Amplisuite or Audibase to create both PDF or printed copy.

This ensures results can be saved within third-party Electronic medical record (EMR) systems typically used within primary care.

### Key features

- Compact, lightweight and portable
- Extended frequency range: 125 – 8000Hz
- Attenuation range: -10 – 100 dBHL
- Automatic threshold saving
- Single, pulsed, warble or continuous
- PC Software included
- Intuitive and ergonomic design
- Mains and optional battery power



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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, pulsed, warble or continuous

#### Communication

Talk over:	Integrated
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#### Data management

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 Batteries: 4 x 'C' cell batteries
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, audiometry module for Noah and Amplisuite software)

#### Optional equipment

- Amplivox Audiocups (noise-reducing enclosures)
- Battery function
- Thermal printer
- Pediatric headband
- USB cable (PC connection)
- Audibase software
- USB portable power bank (external)
- 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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The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.