



For everyone

modelONE

PC-based screening audiometer



For fast, accurate and repeatable hearing tests, the modelONE is the perfect solution. Designed to provide occupational health professionals and non-audiologists with unrivalled performance, efficiency and guided testing.

All-in-one

A single hardware unit consisting of noise-attenuating headphones with a built-in audiometer, integrated SRM and USB cable for PC connection. Providing optimal patient comfort, user confidence and superior reliability.

PC-based

The device is operated directly via a PC with our state-of-the-art audiometry and data management software - Amplisuite.

Custom-built, Amplisuite offers a modern, simple and easy-to-use interface, with an intuitively designed navigational layout and guided workflow.

Audiograms can be viewed in real-time, stored and exported for statistical analysis in accordance with HSE standards.

Testing

Using automatic testing (Hughson Westlake) to measure and assess hearing thresholds, the modelONE allows both small and large occupational health teams to standardise their process and maintain a consistently high level of screening.

Ambient noise monitoring

With the inclusion of an in-built Sound Room Microphone (SRM), the audiometer allows you to monitor the test environment, giving you complete confidence in the quality of your audiometry results.

EMR connectivity

The modelONE can integrate with a number of leading Electronic Medical Record (EMR) systems, providing immediate and accurate data capture and storage. So you can spend time on what matters most - your patients.

Portability

Light in weight and supplied with a custom-built carry case, the modelONE is perfectly suited for mobile screening, making it the ideal choice for professionals on the go.

Key features

Noise-attenuating headphones
In-built Sound Room Microphone (SRM)
Includes audiometry and data management software (Amplisuite)
Automatic HSE guidance and categorisation
Fast, accurate and repeatable testing
Compact, portable & robust
No additional equipment or cables required (exc. patient response switch)



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

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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 105dBHL \pm 3dB*
Output level step size:	5dB
Tone present:	Continuous, pulsed
Test method:	Automatic (Hughson Westlake) audiometry

*Frequency dependant.

Headset attenuation

Frequency (Hz)	Attenuation (dB)
250	15.5
500	26.1
1000	32.4
2000	43.6
4000	43.8
8000	45.6

System requirements (PC operated)

Operating system:	Stand alone PC with Windows 10 or 11
Memory:	Internal memory and available disc space as required by the PC operating system
Software:	Available via website download
Connectivity:	USB (type-A and type-C)

Safety and standards

The modelONE conforms to the relevant clauses of the following 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)

Physical data

Power:	Via USB
Dimensions (L x W x H):	191 x 93 x 134 mm
Weight (headphones):	461g / 1.01lbs

Standard equipment

- Audiometric headset DD65v2A (modelONE)
- Manual & software (available via website download)
- Integrated USB cable (type-A and type-C) for PC connection
- Patient response switch
- Carry case

Additional information



Amplisuite

Amplisuite is our new state-of-the-art audiometry and data management software.

Custom-built, Amplisuite offers users a modern and simple way to present, review and process patient test results.

Intuitively designed and utilising the latest software technology, Amplisuite supports users today and into the future.