



For everyone



Model 270

Two-channel diagnostic audiometer

A two-channel diagnostic audiometer which provides an extensive range of measurements for diagnostic audiology and hearing aid fitting.

Including air conduction (AC), bone conduction (BC) and speech testing, the Model 270 is ideal for audiology specialists and hearing health experts who operate within a clinic, workplace, or on-the-go.

Test options

This diagnostic audiometer features everything you'd expect for both screening and diagnostic audiometry. With manual air and bone conduction testing, alongside helpful assistance tools, operators can determine hearing loss issues quickly and efficiently.

With recorded and live speech testing, the SRT and SDT score can be defined easily at the most comfortable threshold level (MCL) for faster hearing aid fitting. The Model 270 also includes clinical tests such as Stenger, ABLB and SISI ensuring that class-leading patient care can be provided.

Supportive design

The Model 270 benefits from having a clear and precise display at an optimal viewing angle, a very logical key layout, and durable design.

Operators can access functions quickly and easily to reduce test times. The addition of silent rotary controls, also helps to minimise noise levels for more accurate results.

Data management

With the inclusion of an internal memory function, test results can be printed immediately or saved for future processing using the supplied Amplsuite software.

Amplsuite allows for easy results download for processing and management with useful counselling tools such as speech bananas.

The audiometer also offers single-click integration to third-party Electronic Medical Record (EMR) systems such as Noah and OtoAccess®. This enables the seamless transfer of results and data, for exceptional workflow efficiency.

Key features

Two-channel audiometry
Frequency range (AC): 125 - 8000Hz
Attenuation range (AC): -10 - 120dBHL
Air and bone conduction with masking
THL, MCL, ULL/UCL
Speech testing (live and recorded)
Free field audiometry (2 speakers)
Special tests: ABLB, Stenger, SISI
Third-party EMR connectivity
Compact, lightweight and portable



Visit www.amplivox.com/audiometry/model-270 to learn more about the features and benefits of the Model 270

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Technical specifications

Frequency range

Air conduction range (kHz):	0.125, 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8
Bone conduction range (kHz):	0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 6, 8
Frequency accuracy:	<1%
Distortion:	<2%
Tone present:	Continuous, interrupted, pulsed, warble

Output level range

Air conduction range:	-10dBHL to 120dBHL \pm 3dB
Bone conduction range:	-10dBHL to 70dBHL \pm 3dB
Output level step size:	2.5 / 5dB

Masking

Masking:	Narrowband and speech weighted
Output:	Headphones, insert earphones or insert masker
Insert masking output:	90dBHL max (250-4kHz)

Speech

Speech input:	MP3 or CD input or live speech
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Freefield

Output level range (FF):	Up to 90dB
Output level range (FF):	2

Special tests

Overthreshold tests:	Stenger test, ABLB (Fowler), SISI
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Communication

Talk over:	Integrated or external monitor headset
Talk back:	External microphone

Data management

Internal database:	12 audiograms
Optional printer:	Thermal printer
Data transfer:	Via USB to Amplisuite, Noah, OtoAccess® and other EMR systems

Physical data

Graphic display:	2 lines of 24 characters
Power:	Mains: 240Vac 50/60Hz
Dimensions (L x W x H):	270 x 175 x 68mm
Weight:	1540g / 3.39lbs

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
- Bone conduction headset
- Patient response switch
- Power supply with country adaptors
- Audiogram cards (50)
- Carry case
- USB stick (manuals, audiometry module for Noah and Amplisuite software)

Optional equipment

- Amplivox Audiocups (noise-reducing enclosures)
- Masking earpiece
- Insert earphones
- Thermal printer
- OtoAccess® database
- Combined microphone and monitor headset
- Talk back microphone
- Loudspeaker kit
- Booth leads
- USB cable (PC connection)
- USB portable power bank (external)



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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.