amplivox

For everyone

Model 270+

Advanced diagnostic audiometer

2 Year Warranty

Diagnostic audiometry

Model 270+

Advanced diagnostic audiometer

A powerful diagnostic audiometer with enhanced technology for ease of use, accurate testing and reduced consultation times.

For 90 years Amplivox has worked closely with hearing health professionals to design, manufacture, and develop reliable screening and diagnostic instruments.

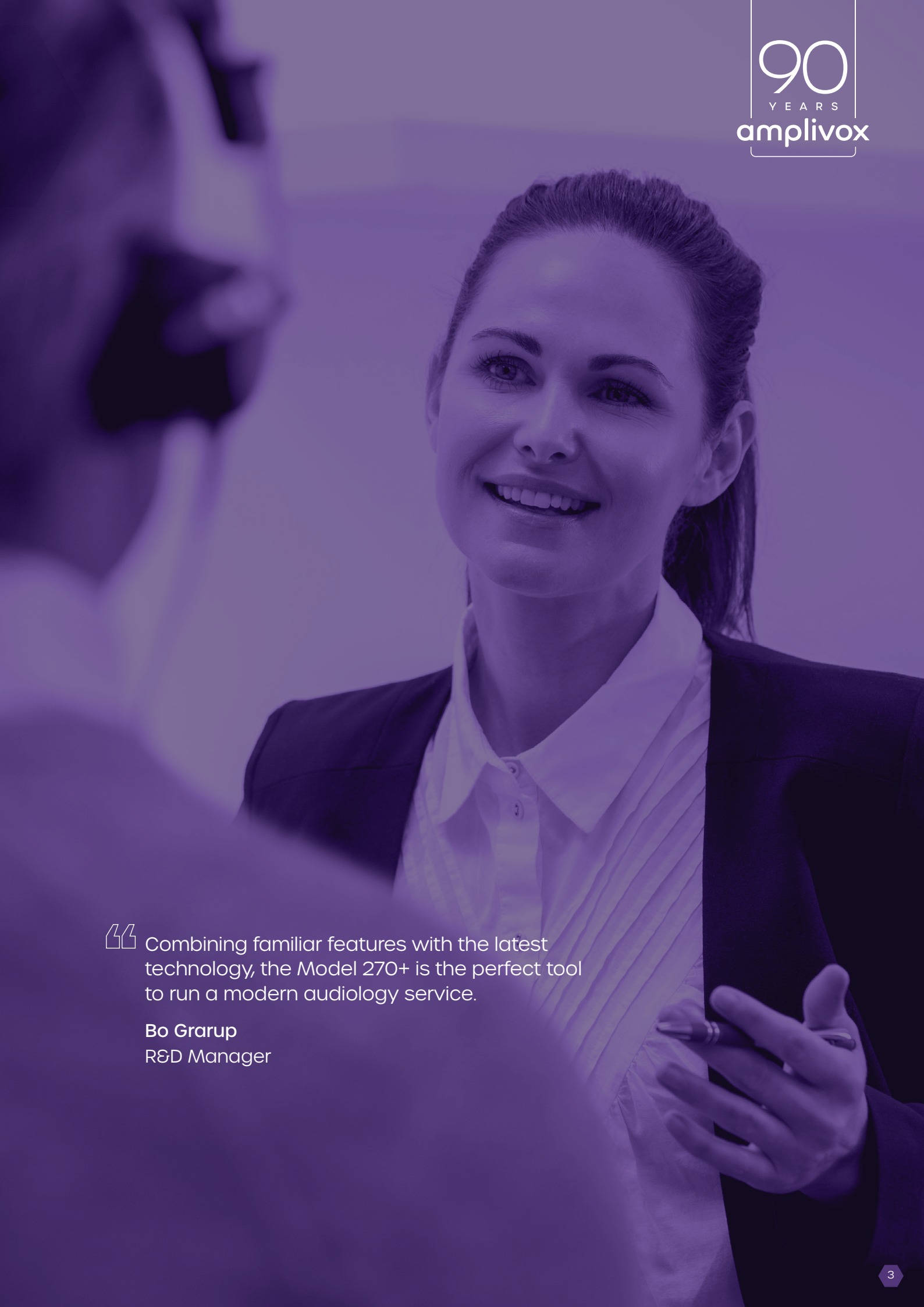
By listening to their needs, we've delivered solutions that have not only met expectations, but exceeded them.

Combining familiar features with additional functionality, the Model 270+ is the perfect audiometer to run a modern audiology service.

The device includes essential diagnostic tools, along with special tests, free-field output, masking assistant and data management for a deeper level of hearing assessment.

Coupled with an exceptional design, the instrument is Ideally suited to environments looking to present a professional image.

The Model 270+ is the audiometer of choice for audiologists, ENTs and hearing care professionals.



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“Combining familiar features with the latest technology, the Model 270+ is the perfect tool to run a modern audiology service.

Bo Grarup
R&D Manager

Benefits to enjoy

Enhanced technology

Including premium-quality rotary controls, silent touch buttons, and light ring indicators identifying the selected ear, the Model 270+ offers a quick and simple testing experience.

Ergonomic design

With a logical (left-to-right) six key layout for defining test routines, the instrument seamlessly guides operators, making it ideal for those new to testing, as well as seasoned professionals.

Compact footprint

Compact and lightweight at only 1400g (3.08lbs), combined with a custom carry case, the Model 270+ is the perfect tool for both in-clinic, and mobile audiometry.

Key **features**

The Model 270+ provides a wealth of functionality and features to support a deeper level of hearing assessment including:

- Automatic AC and BC testing including automatic masking
- Tone selection: pure, pulsed, warble, continuous
- Narrowband and speech-weighted masking
- Speech audiometry (line-input from MP3 / CD and live via microphone)
- Masking assistant
- Free-field functionality
- Special tests: ABLB, Stenger, SISI, Tone decay, HLS, MHA
- Integrated talk forward/back function

PC connectivity & data management

A **closer look**

Measurement options

Manual and automatic testing is available for air (Hughson Westlake and Békésy) and bone conduction, along with intuitive tools. Enabling users to determine hearing loss issues quickly and efficiently to establish next step rehabilitation.

The system can perform speech testing through MP3, CD and live microphone input.

Masking assistant

The integrated masking assistant function informs the operator when to apply masking, whilst also assessing the level of masking as either ideal, too loud, or too soft. This ensures a completely accurate measurement.

When required, the Model 270+ can also be set to automated testing where it will apply masking levels automatically, for both air and bone conduction.

Special tests

The Model 270+ includes key clinical tests required for a deeper investigation of hearing issues (e.g. SISI, Tone Decay and ABLB).

Additional counselling tools such as Hearing Loss Simulator (HLS) and Master Hearing Aid (MHA) enable the operator to provide class-leading patient care.

Data management

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

The audiometer also offers integration to third-party EMR systems such as NOAH and OtoAccess® enabling the seamless transfer of results and data, for exceptional workflow efficiency.


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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%
Test method:	Manual or automatic mode (AC and BC)
Tone present:	Continuous or interrupted, pulsed, warble

Output level range

Air conduction range:	-10dBHL to 120dBHL ±3dB*
Bone conduction range:	-10dBHL to 70dBHL ±3dB*
Output level step size:	1, 2, 5dB

*Dependent on frequency.

Masking

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

Freefield

Output level range (FF):	Up to 90dB
No. of loudspeaker:	2

Special tests

Overthreshold tests:	Stenger test, ABLB (Fowler), SISI, Tone decay (Cahart)
Simulators:	MHA, HLS

Communication

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

Data management

Internal database:	10 audiograms
Optional printer:	MPT-II thermal printer
Data transfer:	Via USB cable to Amplisuite, NOAH, OtoAccess® and other EMR systems
Languages:	English, German, Polish

Speech

Speech input:	PC, tape, CD or MP3 input or live speech

Safety and standards

Type:	Audiometer Type 3BE/Type 2
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

Display:	2 lines of 24 characters
Power:	100-240Vac 50-60Hz
Dimensions (L x W x H):	259 x 374 x 90mm
Weight:	1400g / 3.08lbs

Standard equipment

- Standard audiometric headset
- Bone conduction headset
- Patient response switch
- Audiogram cards (50)
- Mains power adaptor
- Carry case
- USB cable (PC connection)
- Manual & software (available via website download)

Optional equipment

- Monitor/masking earpiece and lead
- Combined microphone and monitor headset
- Talkback microphone
- Loudspeaker kit
- Audiocups (noise-reducing headset enclosures)
- Insert earphones
- Portable Thermal printer and cable

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For everyone

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