amplivox

For everyone



Otowave
102-1 & 102-4

Handheld portable tympanometers

Fast, reliable middle ear screening in a compact handheld device. The Otowave 102 range helps audiology, ENT and hearing healthcare professionals carry out quick, accurate tympanometry with confidence.

The perfect choice for screening children with suspected middle ear conditions, including otitis media, glue ear and other hearing-related disorders.

Fast & easy screening

The Otowave 102 makes tympanometry simple and efficient. Test data is displayed clearly on screen in real time, while automatic pass/refer evaluation helps clinicians interpret results quickly.

Screening tympanometry takes only a few seconds, helping to reduce appointment times without compromising measurement reliability.

Ipsilateral reflex tests can also be programmed into the test protocol, allowing them to run at the same time for a smoother workflow.

Ergonomic design

The Otowave 102 is designed to support confident, accurate testing. Its handheld shape follows the contours of the hand, with balanced weight distribution for comfortable use throughout the day.

A large LCD screen shows the live tympanogram clearly, while the simple four-key layout makes operation straightforward for both routine and mobile screening.

Simple data management

The Otowave 102 helps keep test results easy to manage. Results can be printed immediately or stored using the internal memory for later processing with Amplisuite software.

The device also supports single-click integration with third-party EMR systems, including NOAH, Auditbase and OtoAccess®. Helping teams transfer results quickly and maintain an efficient clinical workflow.

Clinic or mobile use

Weighing only 0.8 lbs, the Otowave 102 is easy to carry between rooms, clinics or community locations. AA battery power makes it practical for use in the field, giving traveling audiologists the flexibility to perform reliable tympanometry wherever testing is needed.

Key features
Fast and accurate middle ear measurements
Intuitive and ergonomic design
Large LCD graphics display
Programmable ipsilateral reflex tests
Optional portable printer and PC interface
PC connectivity to Noah applications with optional iRDA port
Multiple language options
Internal memory
Compact, lightweight and portable

2 Year Warranty

Visit www.amplivox.com/tympanometry/otowave-102 to learn more about the features and benefits of the Otowave 102

www.amplivox.com | 888 941 4208 | info@amplivox.com

Otowave 102

Handheld portable tympanometers

Technical specifications

Tympanometry measurements

Probe tone level:	226Hz ±2%, 85dB SPL ±2 dB
Pressure range:	+200daPa to -400daPa ±10daPa or ±10% (whichever is greater)
Direction of sweep:	Positive to negative
Volumetric range:	0.2ml to 5ml ±0.1ml or ±5% (whichever is greater)
Analysis performed:	Compliance peak level, compliance peak pressure level, gradient and equivalent ear canal volume

Reflex measurements

Otowave 102-1:	1kHz ±2%
Otowave 102-4:	500Hz, 1kHz, 2kHz, 4kHz ±2% user-selectable
Reflex dB range::	85 to 100 dBHL ±3dB (5 or 10dB steps) Threshold measurement or single level
Reflex measurement range:	0.01ml to 0.5ml ±0.01ml
Analysis performed:	Reflex maximum amplitude and pass/fail at each test level

Data management

Internal database:	32 patient records
Optional printer:	Sanibel Supply® printer
Data transfer:	Via Infra-red to Amplisuite, Noah, OtoAccess® and other EMR systems
Languages:	English, German, Italian, Spanish, French, Portuguese

Physical data

Power (battery pack):	4x Alkaline AA or 4x NiMH (≥ 2.3Ah) rechargeable
Dimensions (L x W x H):	8.2 x 3.1 x 1.5in
Weight:	0.83lbs (including batteries)

Safety and standards

Safety:	IEC 60601-1 (plus UL, CSA & EN deviations)
EMC:	IEC 60601-1-2
Performance:	IEC 60645-5, Type 2 Tympanometer, ANSI S3.39, Type 2
CE Mark:	Complies to EU Medical Device Regulation (MDR 2017/745)

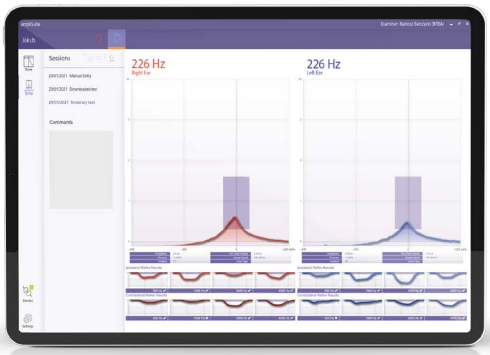
Standard equipment

- Eartip selection box
- Test cavities (4)
- AA batteries (4)
- Spare probe tips and gaskets
- Carry case
- Manual & software (available via website download)

Optional equipment

- Sanibel Supply® printer
- Infra red IrDA cable (PC connection required)
- Rechargeable batteries
- Eartips
- OtoAccess® database

Additional information



Amplisuite

Amplisuite is an audiometry and tympanometry software application which allows for easy results download, processing and management.

Providing Auditbase and Noah integration, Amplisuite empowers hearing care personal to review audiological test data and support their patients in the best possible way.

Amplisuite is also available as a free stand-alone software option.

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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.

US-ASS19-V4