

# Otowave 102-C

The portable tympanometer with PC connectivity

## Practicality

The Amplivox Otowave 102-C is shaped and created to succeed in both middle ear measurement and data management.

Weighing just 380g, the Otowave 102-C handset is designed to be a totally portable 'go anywhere' instrument which is reliable, accurate and easy to use.

## Ease of use

The Otowave 102-C has an automated pass/refer feature and is very easy to use with on-screen information displayed before, during and after the test. The compliance peak, compliance peak pressure, gradient, ear canal volume and an ipsilateral reflex test will be measured within seconds.

The programmable reflex test can be configured for one or more test frequencies (500, 1kHz, 2kHz and 4kHz) and also features a fast IPSI multi-level screening mode.

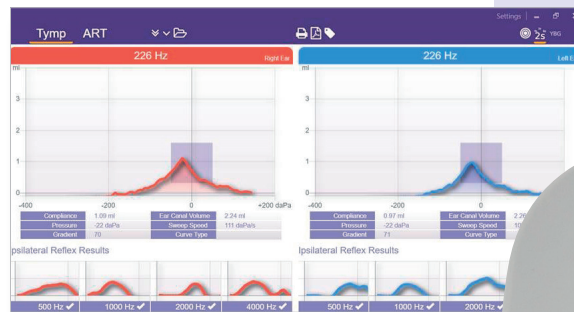
## Docking cradle

The minimal footprint size of the 102-C cradle maximises available desk space and provides effortless data transfer. Results are displayed for review and can be:

- Saved within internal memory
- Printed via the supplied cradle to the optional portable printer
- Transferred to a PC with the supplied cradle for review in the provided ampliSuite software or for storage into NOAH 4 or OtoAccess® using the supplied interface modules
- Results can also be viewed in a number of EMR audiology applications including Auditbase™ and Practice Navigator™

## KEY FEATURES

- Fast and accurate middle ear measurements
- Cradle for charging and data transfer
- Data transfer to EMR applications
- Intuitive use
- Real-time graphics display
- Programmable reflex test
- User configurable test settings
- Internal results database
- Amplivox ampliSuite PC software



**PC Connectivity Options:**  
NOAH • OTOACCESS® • AMPLISUITE

**amplivox**

specialists in healthcare products

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## Technical Specifications

### Tympanometry Measurements

Probe tone level:	226Hz +/-2% 85dB SPL +/-2 dB over range 0.2ml to 5ml
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

Reflex Frequencies:	500Hz, 1kHz, 2kHz, 4kHz +/-2%
Reflex level (Multi Mode):	85 to 100 dBHL (5 or 10 dB steps)
Measurement range:	0.01ml to 0.5ml +/-0.01ml
Analysis performed:	Reflex maximum amplitude and pass/fail at each test level

### Data Management and Interface

Internal database:	30 patient records
Optional printer:	Designated thermal printer
Data Transfer:	Via USB to ampliSuite, NOAH4 and other EMR systems
Languages:	English, German, Italian, Spanish, French, Portuguese

### Safety and Standards

Safety:	EN60601-1 / EN60601-1-2
Impedance:	EN60645-5 Type 2 tympanometer
CE Mark:	Complies to EU Medical Device Regulations

### Physical Data

Power (battery pack):	NiMH rechargeable battery
Dimensions (L x W x H):	210 x 80 x 40mm 8.27 x 3.15 x 1.57in
Weight:	650g with cradle / 380g handset

## Equipment

### Standard

- Otowave 102-C and cradle
- Carry case
- Eartips and selection box
- Extra probe tips
- Daily check test cavities
- ampliSuite PC software
- NOAH 4 connection module
- USB cable

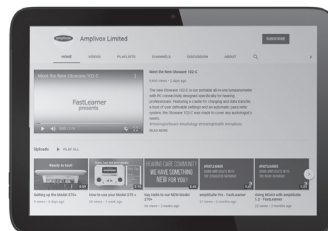
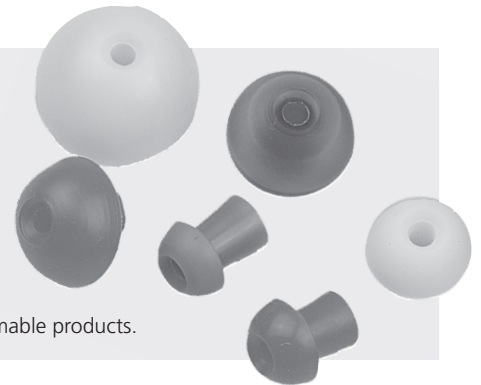
### Optional

- Additional sets of disposable ear tips
- MPT-II portable thermal printer and cable
- ampliSuite Pro database software

## Tympanometry eartip selection

Hygiene is of the upmost importance in a clinical setting. To support you and your patients, Amplivox offer a wide range of single use, disposable eartips for use with the 102-C.

Please visit [www.amplivox.com](http://www.amplivox.com) to view all our consumable products.



## FASTLEARNER YouTube

We have a series of videos covering everything you need to know about all Amplivox products and how to use them. Check out our YouTube channel to become a #FastLearner today.

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