



otowave202

202 • 202-H

Handheld tympanometer



For everyone

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HANDHELD DIAGNOSTIC TYMPANOMETRY

The Otowave 202 range is designed to help hearing healthcare professionals identify middle ear disorders such as otitis media or infections associated with the eustachian tube in young children and is the ideal choice for paediatric doctors.

The standard Otowave 202 provides 226 Hz probe tone impedance measurements together with a user programmable range of both ipsi and contralateral reflex test measurements at 500Hz, 1kHz, 2kHz and 4kHz.

The 202-H features a comprehensive range of diagnostic test functions including user defined 226Hz and 1000Hz probe tone impedance measurements and a user programmable range of both ipsi and contralateral reflex test measurements at 500Hz, 1kHz, 2kHz and 4kHz. The high frequency testing option of 1000Hz tympanometry is ideal for assessing newborns.



DESIGNED FOR SMALL EARS

Testing middle ear measurements for neonates and children is very fast and accurate, with diagnostic information displayed during and after the automatic test. Test settings can be defined according to the requirements of your little patient.

The specially designed probe has been created for small ear canals, meaning healthcare professionals benefit from faster tests and more accurate results. This tympanometer makes travelling between clinics or home visits easy, and in turn supports you and your patients needs.

KEY FEATURES

- Designed for handheld and desktop use
- Dual power functionality
- 226Hz probe tone
- Optional 1kHz probe tone (202-H option) with admittance, susceptance and conductance measurements (YBG)
- Live display
- Ipsilateral and contralateral reflex frequencies (0.5, 1, 2 and 4k Hz)
- Enhanced mode reflex test
- Auto pass/refer evaluation
- Fully customisable test protocol
- User selectable measurement speeds
- Internal memory, connection to thermal printer and/or PC.



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COMPREHENSIVE TESTING ABILITIES

When using in 226Hz probe tone mode, the compliance peak and pressure, gradient and ear canal volume can be measured within seconds. When using the Otowave 202-H option in 1000 Hz probe tone mode, users can select a preferred display by pressing the probe function key to switch between the following modes:

- **Scalar mode:** a traditional admittance tympanogram, as above (Y only compensation)
- **Vector mode:** a tympanogram displaying B-G compensation
- **Component mode:** the separate admittance (Y), susceptance (B) and conductance (G) measurements are displayed for clinical review.

User-defined ipsi and contralateral reflex test measurements can be added to the test sequence to ensure a comprehensive test routine. This user programmable acoustic reflex function includes reflex frequency selection, levels and sensitivity.



All of our audiometers and tympanometers now come with a three year warranty as standard.



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RECORDING AND REVIEWING TEST RESULTS

Test results can be saved within the internal memory with a patient identifier, printed to the optional portable printer or transferred via a USB to a PC for viewing within our ampliSuite software or Noah impedance module. Patient data can be easily managed and organised.

If accessing mains power is a problem, the Otowave 202 will also connect to our optional USB portable power bank, so your testing needs are still met when power lets you down.

CPT codes

92570: acoustic immittance testing (tympanometry, reflexes and decay)
92567: tympanometry
92568: acoustic reflexes

Standards

Tympanometer IEC 60645-5
Type 2 Safety IEC 60645-5



INCLUDED

- Eartip selection box
- Contralateral transducer
- Test cavities (4)
- Spare probe tips and gaskets
- AA batteries (4)
- Carry case
- Power supply with country adaptors
- USB cable (PC connection)
- ampliSuite PC software (stand-aloneNoah impedance module.

OPTIONAL

- Thermal printer
- Rechargeable batteries
- Ear tips
- USB portable power bank
- OtoAccess® database.

PC CONNECTIVITY OPTIONS:

NOAH, OtoAccess®, ampliSuite



YOUTUBE VIDEO
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ampliSUITE

Intuitive audiometry software package

ampliSuite is an intuitive and simple audiometry software package designed for audiologists, hearing aid dispensers, private practitioners and other hearing healthcare personal.

Consisting of an audiometry and tympanometry module, you can read and review your patient's results with ease, compare thresholds, explain audiograms through built-in counselling tools and process test results quickly.

AUDIOMETRY MODULE

The audiometry module has both tone audiometry and speech audiometry options which can be uploaded directly from the audiometer to ampliSuite. In order to help your patient understand their hearing situation (e.g. conductive, sensorineural

or a combined hearing loss) and audiogram, counselling tools are available to be displayed within the audiogram in order to provide the best possible support.

TYMPANOMETRY MODULE

The tympanometry module includes both tympanometry and acoustic reflex graphs, to make an effortless review of the measurements possible. Normative boxes and Jerger classifications can also be added to the tympanometry graphs. Within an additional acoustic reflex sub-module, each reflex test can be reviewed and selected for extensive review.

SOFTWARE INTEGRATION

ampliSuite flexibility stretches from stand-alone modules to the integration into different databases. We offer the stand-alone

ampliSuite modules as well as the Noah integration as free software to empower hearing care personal all over the world to review audiological test data and support their patients in the best possible way.

Amplivox also offers the integration of ampliSuite into the patient database system OtoAccess® (version ampliSuite Pro), which is available to purchase.



The audiometry module has both tone audiometry and speech audiometry options

The tympanometry module includes both tympanometry and acoustic reflex graphs



KEY FEATURES

- Audiometry and tympanometry modules in one suite
- Simple and intuitive interface
- Touch compatible
- Large graphs for detailed review
- Pass and refer evaluation for each test result (tymp and reflexes)
- 17 available languages
- Customisable PDF printouts with your own clinic/logo
- EMR connectivity including Noah, GDT and OtoAccess®
- Counselling tools for tone audiological test results, including adjustable PTA and baseline comparison.

CONNECTIVITY

ampliSuite is the perfect companion for the following devices:
Screening audiometers: Model 116, Model 170, PC850 and Otosure
Diagnostic audiometers: Model 240, Model 260, Model 270 and Model 270+
Tympanometers: all our tympanometers can be used with ampliSuite.

START USING ampliSUITE TODAY

All three versions of ampliSuite are available to download from our website

[DOWNLOAD NOW](#)

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VIDEO

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