Otowave 202 & 202-H

Handheld diagnostic tympanometers

Technical specifications

Tympanometry measurements

Probe tone level:	226Hz ±2%, 85dB SPL ±2 dB 1000Hz ±2%, 79dBSPL ±2dB (202-H only)
Pressure range:	+200daPa to -400daPa ±10daPa or ±10% (whichever is greater)
Direction of sweep:	Positive to negative
Volumetric range:	226Hz: 0.2ml to 5ml ±0.1ml or ±5% (whichever is greater) 1000Hz: 0.1ml to 5ml ±0.1ml or ±5% (whichever is greater)
Sweep speeds:	Selectable: 100, 200 or 300daPa/sec
Analysis performed:	Admittance peak level in ml (226Hz) or mΩ (1000Hz) & pressure at peak, gradient in daPa (for 226Hz) and ear canal volume (ECV) @ 200daPa

Reflex measurements

Reflex type:	Ipsilateral, contralateral or both
Reflex frequencies:	Ipsilateral and contralateral: 500Hz, 1kHz, 2kHz & 4kHz (±2%) user-selectable
Reflex levels:	Ipsilateral: 70dBHL to 100dBHL ±3dB (5 or 10dB steps) Contralateral: 70dBHL to 110dBHL ±3dB (5 or 10dB steps) Threshold measurement or single level
Reflex detection threshold:	0.01ml to 0.5ml ±0.01ml (configurable in 0.01ml steps)
Analysis performed:	Reflex maximum amplitude and pass/fail at each test level

Data management

Internal database:	18 patient records
Optional printer:	Thermal printer
Data transfer:	Via USB cable to Amplisuite, Noah, OtoAccess® and other EMR systems
Languages:	English, German, Italian, Spanish, French, Portuguese

Physical data

Power:	Mains: 100-240Vac; 50/60Hz (approved to medical safety standards) Batteries: 4 x AA (either Alkaline or NiMH, the latter recharged external to the instrument)
Dimensions (L x W x H):	Base unit: 190 x 85 x 40mm Probe: 130 long x 25mm diameter
Weight:	Base unit: 330g (without batteries, using mains power); 430g (with batteries), probe: 115g (including connecting cable)

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
- Contralateral transducer
- Test cavities (4)
- Spare probe tips and gaskets
- AA batteries (4)
- Carry case
- Power supply with country adaptors
- USB cable (PC connection)
- Manual & software (available via website download)

Optional equipment

- Portable printer
- Rechargeable batteries
- Eartips
- Power Bank USB cable
- 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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For everyone

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