TECHNICAL SPECIFICATIONS

otowave · 302 · 302+

TYMPANOMETRY MEASUREMENTS

Probe tone level:	226Hz ±2%, 85dBSPL ±2dB 1000Hz ±2%, 79dBSPL ±2dB (302+ only)
Pressure range:	+200daPa to -400daPa ±10daPa or ±10% (which ever is larger)
Direction of sweep:	Positive to negative pressure
Volumetric range:	226Hz: 0.2ml to 5ml ±0.1ml or ±5% (which ever is greater) 1000Hz: 0.1ml to 5ml ±0.1ml or ±5% (which ever is larger)
Sweep speeds:	Selectable: 100, 200 or 300daPa/sec
Analysis performed:	Compliance 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 measreuement 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

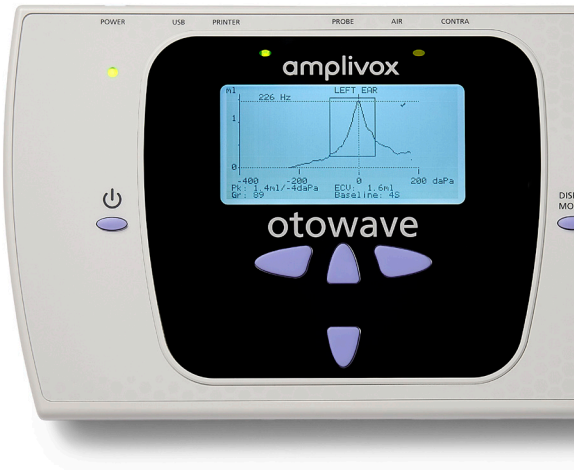
Internal database:	36 patient records
Optional printer:	MPT-II thermal printer
Data transfer:	Via USB to ampliSuite, Noah, OtoAccess and other EMR systems
Languages:	English, German, Italian, Spanish, French, Portuguese

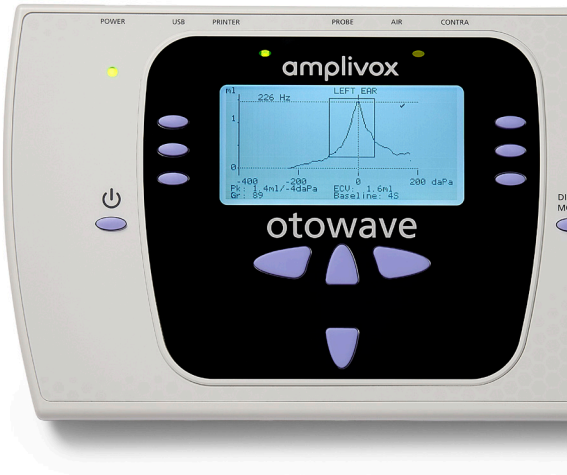
PHYSICAL DATA

Power:	Mains: 100-240Vac; 50/60Hz (approved to medical safety standards)
Dimensions (L x W x H):	Base unit: 270 x 175 x 70mm, probe: 130 long x 25mm diameter
Weight:	Base unit: 760g, probe: 115g (incl. connecting cable)

SAFETY AND STANDARDS

The Otowave 202-H conforms to the relevant clauses of the following standards	
Safety:	IEC 60601-1 (plus UL, CSA & EN deviations)
EMC:	IEC 60601-1-2
Impedance:	IEC 60645-5 Type 2 tympanometer, ANSI S3.39 Type 2 tympanometer
CE mark:	Complies to EU Medical Device Regulation (MDR 2017/745)





EQUIPMENT

STANDARD

- Eartips and selection box
- Extra probe tips
- Daily check test cavities
- Contralateral transducer
- Mains adapter
- USB cable
- ampliSuite PC software and Noah connection module
- Carry case

OPTIONAL

- Additional sets of disposable ear tips
- Portable MPT-II thermal
- USB charger

For more information, please contact

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