

otowave 102-C

TYMPANOMETRY MEASUREMENTS

Probe tone level:	226Hz \pm 2%, 85dB SPL \pm 2 dB
Pressure range:	+200daPa to -400daPa \pm 10daPa or \pm 10% (which ever is greater)
Direction of sweep:	Positive to negative
Volumetric range:	0.2ml to 5ml \pm 0.1ml or \pm 5% (which ever 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 \pm 2% user-selectable
Reflex dB range:	85 to 100 dBHL \pm 3dB (5 or 10dB steps) Threshold measurement or single level
Measurement range:	0.01ml to 0.5ml \pm 0.01ml
Analysis performed:	Reflex maximum amplitude and pass/fail at each test level

DATA MANAGEMENT

Internal database:	32 patient records
Optional printer:	MPT-II thermal printer (USB)
Data Transfer:	Via USB to ampliSuite, Noah, OtoAccess and other EMR systems
Languages:	English, German, Italian, Spanish, French, Portuguese

PHYSICAL DATA

Power (battery pack):	NiMH rechargeable battery
Dimensions (L x W x H):	230 x 115 x 70mm
Weight:	380g handset / 650g with cradle

SAFETY AND STANDARDS

The Otowave 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 Regulations



EQUIPMENT

STANDARD

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

OPTIONAL

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