TYMPANOMETER

Timpani

Handheld Tympanometer / Screening Audiometer

inventis
Audiology Equipment





Orchestral perfection
A full line of Audiology Equipment

- Tympanometry and IPSI reflex test
- Pure tone audiometry in AC
- Touch screen display
- Portable and lightweight

DESIGNED, ENGINEERED AND MANUFACTURED IN ITALY

involving audiology

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Timpani with its optional docking.

The handheld tympanometer Timpani is a lightweight, compact and powerful device, designed to conduct middle ear screening tests simply, swiftly and accurately.
It is capable of performing automatic tympanometry exam as well as, optionally licensed, acoustic reflexes test and screening pure tone audiometry. The device features a wide colour display with touch-screen interface.

THE LICENSES

The basic version of Timpani allows performing the screening tympanometry using 226 Hz probe tone. The optional available licenses are:

- **1 kHz probe tone license**
  To conduct tympanometry also on children
- **Reflex license – Basic**
  To conduct ipsilateral acoustic reflex test at 1 kHz
- **Reflex license – Plus**
  To conduct ipsilateral acoustic reflex test at 0.5, 1, 2 and 4 kHz
- **Screening Pure Tone Audiometry**
  To conduct pure tone air conduction audiometry

THE OPTIONAL ACCESSORIES

Upon request, Timpani can be supplied with its docking station, ideal to house the device, to recharge the battery faster and to transfer data to the PC at the same time.
Moreover, it is possible to print your exam's results directly from the device thanks to the thermal portable mini printer, available upon request: the communication with Timpani is wireless, via Bluetooth connection.

NOAH & MAESTRO INTEGRATION

Simply connect Timpani to a USB port on your computer, directly or putting it on the docking station and connecting the station to the PC, and you can transfer exam results into your Maestro or Noah database. Maestro software is included.

TECHNICAL DATA

MEASUREMENT SYSTEM

Probe tone: ..... 226 Hz at 85 dB SPL, 1000 Hz at 75 dB SPL (opt.)
Comp. range: ..... 0.2 to 8.0 ml at 226 Hz, 0.9 to 16.0 mmho at 1000 Hz
Pressure range: .... From +200 to -400 daPa

TYMPANOMETRY

Type of test: ..... Automatic tympanometry
Start: ..... Automatic
Scan rate: ..... 400 daPa/sec

ACOUSTIC REFLEX (opt.)

Stimulation: ..... Ipsilateral at 226 Hz
Available tests: ..... Autothreshold, fixed intensity
Stimuli: ..... 1 kHz (with reflex license Basic)
0.5, 1, 2 and 4 kHz (with reflex lic. Plus)
Maximum int.: ..... 100 dB HL (ipsi)
Stim. duration: ..... 1 sec

AUDIOMETRY (opt.)

Intensity: ..... -10 to 100 dB HL
Freq. range: ..... 125-8000 Hz
Input: ..... Pure tone
Output: ..... AC

DEVICE SPECIFICATIONS

Memory: ..... 50 patients
Display type: ..... Color graphical with touch screen
Display size / res.: ... 2.8" / 240 x 320 pixel
Thermal printer: .... Bluetooth (opt.)
Pc interface: ..... USB (driverless)
Compatible sw: ..... Inventis Maestro (stand-alone or Noah module)
Dimensions: ..... 65 x 44 x 240 mm
2.6 x 1.8 x 9.5 in (W x D x H)
Weight: ..... 340 g / 12 oz

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