

# MT 10 HANDHELD TYMPANOMETER



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|---------------|----------------|
| Product Code  | 33665          |
| Unit of sale  | 1 pc           |
| Minimum order | 1              |
| Type          | Medical device |
| Class         | II A           |

|         |               |
|---------|---------------|
| UK-REP  | No            |
| CH-REP  | No            |
| EAN/UPC | 8023279336658 |

## Description

Professional handheld tympanometer for setting fast and reliable testing in an easy and cost effective way.

Objective analysis: the MT10 automatic tympanometer is fast and easy to operate and provides objective measures that cannot be obtained by otoscopy alone.

Easy and fast tympanograms: results can be obtained with little efforts and with no response required from the patient. This is especially beneficial when dealing with difficult-to-test patients or small children.

30 patients in memory: the MT10 can hold test results of up to 30 patients in its memory. This makes it possible to screen a large group of patients and print out the data at a later time.

PC-integration: full data-transfer to PC through optional infrared USB interface and software. Supplied with handle, set of 139 disposable ear-tips (mixed sizes) and 4x1.5 V, manual in GB, DE, FR, IT, ES, SE, GR, PT, DK, FI, CZ, PL, LT, EE, HU, NL, NO, IS, RO, MK.

Internal software: GB, FR, DE.

The MT10 is ergonomic to hold but also offers the possibility of using the included handle to make it even more stable and lightweight as it can rest on your arm during the measurement.

Size: 19 x 8 x 4 cm excluding probe (length with probe 22.5 cm)

Weight: 285 g without battery

## Technical Specifications

### Tympanometry

Analysis performed: Peak compliance; peak pressure, gradient; equivalent ear canal volume

Probe tone: 226 Hz

Pressure levels: +200 daPa to -400 daPa

Ear volume measurement range: 0.2 ml to 5 ml

Sweep speed: Typically 200-300 daPa/sec; depending on ear & cavity volume

Pressure limits (safety shut off): +600 to -800 daPa

### Data management

Data storage: 30 records. Any recording can be stored once the tympanogram is viewed

Data held: Patient Initials, Tympanogram and Reflex graphs and analysis for Left and/or Right Ear, Time and Date of recording, which ears were tested, whether or not the record has been printed and sent to a PC, parameters printed and/or sent to a PC, parameters used for analysis

### Other data

Internal backup: >30 days without main batteries fitted

Battery Lifetime: Approx. 400 tests (Alkaline AA batteries)

Supported printer: Martel MCP8830 or Sanibel MPTII

Interface: Infra-red, IrDA hardware, 9600 baud

Information printed: Space for patient and clinician's details, Tympanogram analysis parameters, Tympanogram, Reflex analysis parameters, Reflex graph, S. N. of device, Last and Next Due Calibration dates

Safety standards: IEC 60601-1. EMC: IEC 60601-1-2

Impedance standard: IEC 60645-5, Type 2 Tympanometer