MT 10 HANDHELD TYMPANOMETER WITH IPSI-REFLEX



Product Code	33666
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

UK-REP	No
CH-REP	No

EAN/UPC	8023279336665

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.

Clinical application: the MT10 is also suitable for diagnostic use as tympanometer and reflex responses are all recorded with great detail. With MT10 you can detect otitis media (a major cause of temporary or permanent hearing impairment in children), a perforated eardrum, cholesteotomas and certain neurological disorders. You can also check tympanostomy tubes and follow up on post medical treatments.

Ipsilateral Acoustic Reflex: four different reflex tests at 500, 1,000, 2,000, 4,000 Hz may be performed per ear using either fixed or automatic intensity selection. The test is carried out at the correct pressure level and the actual reflex characteristics are displayed on the screen for the operator to view and interpret.

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

Reflex measuremets
Measurement mode: ipsilateral
Reflex tone levels: 500 Hz, 1 kHz, 2 kHz, 4 kHz
Four reflex levels: 100 dB with 5 dB or 10 dB steps; 95 dB, 90 dB or 85 dB with 5 dB steps
Reflex analysis: Reflex pass/refer at each level tested; Maximum amplitude of each reflex (seen on printed report and PC report); Pressure at which reflex was performed

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: IEe 60645-5, Type 2 Tympanometer