

Technical Specifications MT10

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 Ear and/or Right Ear, Time and Date of recording, which ears were tested, whether or not the record has been printed and for sent to a PC, parameters printed and/or sent to a PC, parameters used for analysis

Other data

- Internal backup power supply: >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, Serial Number of device
 - Last and Next Due Calibration dates
- Standards: Safety: IEC 60601-1. EMC: IEC 60601-1-2
- Impedance standard: IEC 60645-5, Type 2 Tympanometer