

Oscilla[®] TSM-300

Screening Memory Tympanometer



- * Ipsilateral reflex test – 5 frequencies*
- * Unique option of following the results during test *
- * Automatic probe seal feature for reliable test result *

Technical description for Oscilla[®] TSM-300 Tympanometer

Tympanometry pressure range:
-300 to + 200 daPa

Ipsilateral reflex test:
5 frequencies: 500, 1000, 2000, 3000 and 4000 Hz
Test level of 105 dB at all frequencies

Probe tone:
Frequency: 226 Hz +/- 1%
Amplitude: 85 dB SPL in 2 ml, +/- 3 dB

Displayed data:
Graphics: Tympanogram & reflex tests are displayed live while being recorded
Numeric values:
Middle ear pressure (daPa)
Ear canal volume: (ml)
Compliance: (ml)
Tympanogram width: (daPa)

Setup functions:
Selection of reflex test frequencies
Selection of printer type and port
Selection between printout or data transmission to PC

Memory:
Memory for 20 patients
Tympanogram, numerical values and reflex tests for both ears are stored

Special features:
Probe seal aid:
Tympanogram is shown as a live image on the display during probe insertion –
Eases the fitting of the probe and assures better probe seal.
Automatic start:
No key presses are needed to start the test – the tympanometer automatically detects when the probe is inserted.
For daily use just turn on the device and insert the probe to run a test.

Printer:
Option of printing from parallel or serial port
Printer types: PCL-2, IBM ProPrinter and Epson compatible printers supported
Practical small thermal printer may be connected to the serial port
Printout from PC via data transfer to the program AudioConsole

Power supply:
12V AC mains adapter

Dimensions:
295 x 180 x 55 mm

Weight:
1000 g (device only)

Standard accessories:
Device, probe, mains adapter

Optional extras:
Serial cable and printer cable
Carrying bag
Thermal printer and extra paper



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