

**MedRx**<sup>®</sup>

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**Otowave Tymps**  
Screening & Diagnostic

**Fast, Accurate  
Middle Ear  
Measurements**

PC Interface, NOAH™ and MedRx  
AVANT Compatible

**MedRx**<sup>®</sup>

**888-392-1234**

To Schedule An Online Demo



# Otowave tympanometer

## Technical Specs

### Tymp 102-4

**Analysis Performed:** Compliance peak level (in ml), Ear canal volume (ECV) at 200 daPa, Ipsilateral reflex

**Probe Tone Levels:** 226 Hz  $\pm$  2%, 85 dB SPL  $\pm$  2 dB. Over range 0.2 ml to 5 ml

**Pressure Levels:** +200 daPa to -400 daPa.  $\pm$  10 daPa

**Ear Volume Measurement Range:** 0.2 ml to 5 ml  $\pm$  0.1 ml or  $\pm$  10% (whichever is larger) over entire range

**Reflex Tone Levels:** 500 Hz, 1 kHz, 2 kHz, 4 kHz Frequency  $\pm$  0.1%, Configurable over range 85 dB to 100 dB HL (programmable in 5 - 10 dB steps)

**Reflex Measurement Range:** 0.01 ml to 0.5 ml  $\pm$  0.01 ml configurable in 0.01 ml steps

**Power:** Battery specification: 4 Alkaline AA cells or 4 NiMH rechargeable

**Dimensions:** Approx. 21 x 8 x 4 cm (L x W x H)

**Weight:** 380 g / < 1 lbs

### Tymp 202 - 202H

**Analysis Performed:** Compliance peak level (in ml), Ear canal volume (ECV) at 200 daPa, Ipsilateral reflex or  $\pm$  10 daPa or  $\pm$  10% (whichever is larger) over range 0,1 ml to 5 ml

**Probe Tone Levels:** 226 Hz  $\pm$  2%, 85 dB SPL  $\pm$  2 dB 1000Hz  $\pm$  2%; 79 dB SPL  $\pm$  2 dB (202-H only) over ear canal volume range

**Pressure Levels:** +200 daPa to -400 daps.  $\pm$  10 daPa or  $\pm$  10% (whichever is larger) over range 0,1 ml 5 ml

**Ear Volume Measurement Range:** 226 Hz: 0.2 ml to 5 ml; 1000 Hz: 0.1 ml to 5 ml  $\pm$  0,1 ml or  $\pm$  5% (whichever is larger)

**Reflex Tone Levels:** 500 Hz, 1 kHz, 2 kHz, 4 kHz Frequency  $\pm$  2%, Configurable over range 70 dB to 100 dB HL (4 kHz restricted to 95 dB HL)  $\pm$  2 dB, referenced to 2 ml calibration volume; compensates for measured ear volume

**Reflex Measurement Range:** 0.01 ml to 0.5 ml  $\pm$  0.01 ml configurable in 0.01 ml steps

**Power:** Mains: 100-240 V AC; 50/60 Hz via mains adapter (approved in medical safety standards); Batteries: 4 x AA (either Alkaline or NiMH, the latter recharged external to the instrument)

**Dimensions:** Base unit: Approx. 19 x 8,5 x 4 cm (L x W x H) Probe: 13 x 2.5 cm (max.) diameter

**Weight:** Base unit: 330 g (without batteries, using mains power), 430 g (with batteries) Probe: 110 g (incl. connecting cable)

# MedRx<sup>®</sup>

Good Things Come In Small Packages

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### MedRx Minimum Computer Specs:

Windows<sup>®</sup> PC compatible computer, Intel<sup>™</sup> i5 Dual Core, 2.0 GHz or better. 4 GB RAM. 20 GB free hard drive space. Available 2.0 USB port. Windows 7, 8 or 10 Professional (32 or 64-bit).



MX-TYMP-DS-1

