Otowave Tymps
Screening & Diagnostic

Fast, Accurate
Middle Ear Measurements
PC Interface, NOAH™ and MedRx
AVANT Compatible

888-392-1234
To Schedule An Online Demo
Otorwave tymp

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 ± 2%, 85 dB SPL ± 2 dB, Over range 0.2 ml to 5 ml

Pressure Levels: +200 daPa to – 400 daPa ± 10 daPa

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

Reflex Tone Levels: 500 Hz, 1 kHz, 2 kHz, 4 kHz Frequency ± 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 ± 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 ± 10 daPa or ± 10% (whichever is larger) over range 0.1 ml to 5 ml

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

Pressure Levels: +200 daPa to – 400 daPa ± 10 daPa or ± 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 ± 0.1 ml or ± 5% (whichever is larger)

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

Reflex Measurement Range: 0.01 ml to 0.5 ml ± 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)