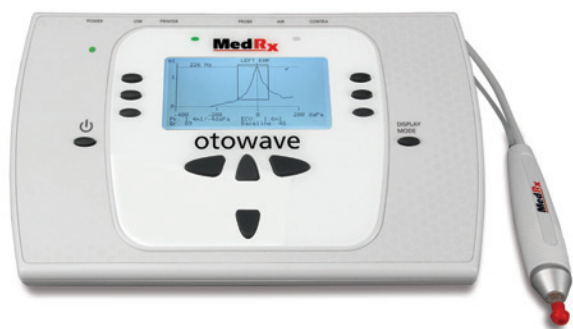




Otowave 302/302+

Compact desktop tympanometers
for a wide range of testing options

Comprehensive Desktop Tympanometers

Fast and accurate middle ear
measurements for all ages.

MedRx[®]

888-392-1234

To Schedule An Online Demo



Otowave Tympanometer

Technical Specs

Tymp 302 - 302+

Analysis Performed: Compliance peak level (in ml), Ear canal volume (ECV) at 200 daPa or -400 daPa, Ipsilateral reflex or ± 10 daPa or $\pm 10\%$ (whichever is larger) over range 0.1 ml to 6 ml

Probe Tone Levels: 226 Hz $\pm 2\%$, 85 dB SPL ± 2 dB; 1000Hz $\pm 2\%$, 79 dB SPL ± 2 dB (302-H only) over ear canal volume range

Pressure Levels: +200 daPa to -400 daPa, ± 10 daPa or $\pm 10\%$ (whichever is larger) over range 0.1 ml to 6 ml

Ear Volume Measurement Range: 226 Hz: 0.2 ml to 6 ml; 1000 Hz: 0.1 ml to 6 ml ± 0.1 ml or $\pm 5\%$ (whichever is larger)

Ipsilateral Reflex Tone Levels: 500 Hz; 1000 Hz, 2000 Hz, 4000 Hz, Frequency $\pm 2\%$, Configurable over range 70 dB to 100 dB HL (4,000 Hz restricted to 95 dB HL)* ± 2 dB, referenced to 2 ml calibration volume, compensates for measured ear volume

*2kHz level is restricted to maximum 95dBHL for ear canal volumes greater than ~3.5ml

Contralateral Reflex Tone Levels: 500 Hz; 1000 Hz, 2000 Hz, 4000 Hz, Frequency $\pm 2\%$, Configurable over range 70 dB to 110 dB HL (4,000 Hz restricted to 95 dB HL)* ± 2 dB, referenced to 2 ml calibration volume, compensates for measured ear volume

*2kHz level is restricted to maximum 105dBHL for ear canal volumes greater than ~3.5ml

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)

Dimensions: Base Unit: 270 x 60 x 165 mm / 10.63 x 2.36 x 6.49 inch (excluding connections), Probe: 130 x 25 mm / 5.11 x 0.98 inch

Weight: Base unit: 760 g / 1.68 lbs, Probe: 115 g / 0.25 lbs

Key Features

- Compact design with a graphic LCD display
- 226Hz probe tone or 1000Hz probe tone (302+) with admittance, susceptance and conductance measurements (YBG)
- Live tymp display - measurements shown in real time
- Ipsilateral and contralateral reflex frequencies (0.5, 1000, 2000, & 4000Hz)
- Auto pass/refer evaluation (ear canal volume)
- Fast and accurate impedance measurements
- Intuitive use/ real time display
- Optimized, user-selectable measurement speeds
- Six user-configured test protocols (302+)
- Internal memory, PC connectivity and optional portable printer

Standard Accessories: Eartip Selection Box, Contralateral Transducer, Test Cavities (4), Spare Probe Tips and Gaskets, Power Supply with Country Adaptors, Carrying Case, USB Cable, Manuals and Software

MedRx Minimum Computer Specs:

Windows® PC compatible computer, Intel™ i5, 2.0 GHz or better. 4 GB RAM. 20 GB free hard drive space. Available 2.0 USB Port. Windows 10 or 11 Professional, Compatible with 3.0 USB.



Good Things Come In Small Packages

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The 302+ offers six configurable patient profiles for faster middle ear measurements.

MX-TYMP-DS-2 Rev. 3

