

Otowave 302/302+
Compact desktop
tympanometers for a wide
range of testing options

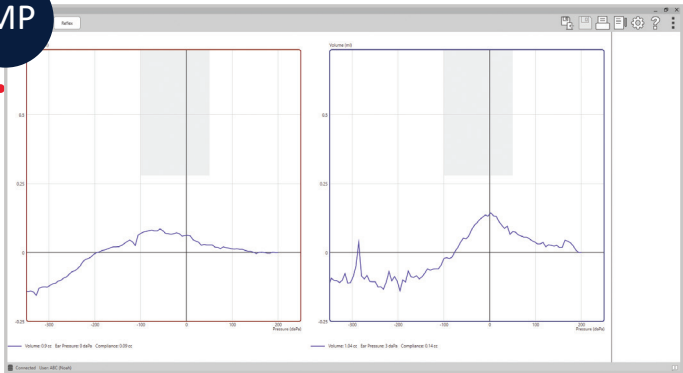
Comprehensive Desktop Tympanometers

The Otowave 302/302+ offer fast and accurate middle ear measurements for all ages. Test with confidence and accuracy with PC-connectivity and optional user-configurable patient profiles.





IMP



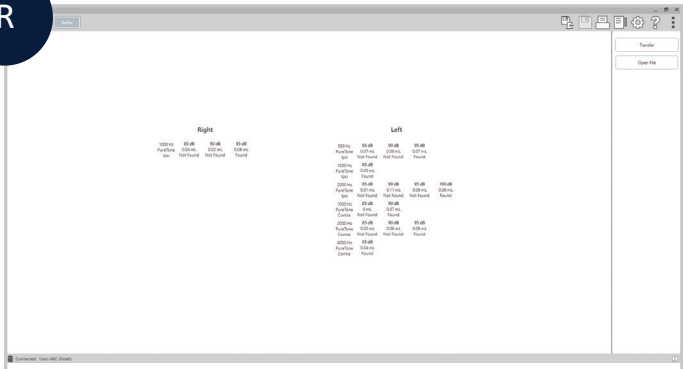
Tymp 302/302+ Standard Accessories

- 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

Tympanometry

This function provides clear graphic and numeric displays of tympanogram and acoustic reflex data.

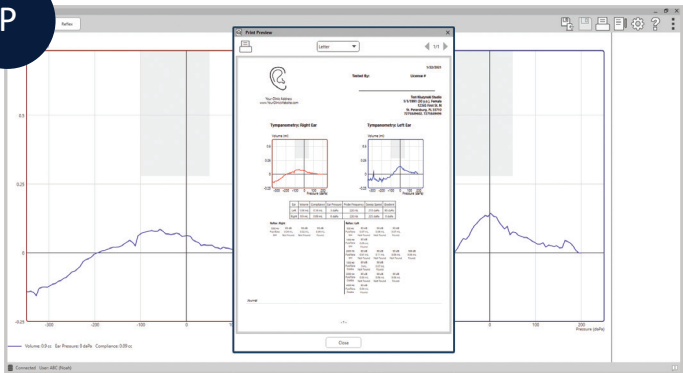
R



Reflex Results

View Reflex results easily inside the Studio software's IMP module.

P



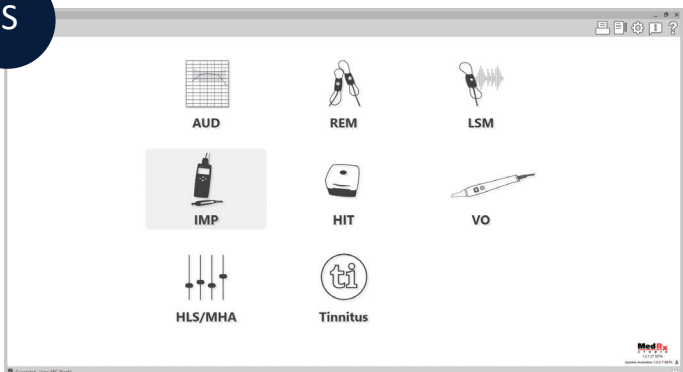
Print Templates

Print out the results of your test to give to the patient.



Optional portable thermal printer available.

S



Studio Software

The Tymp Module is part of the New MedRx Studio Software suite.

MedRx Otowave 302 and 302+ Tympanometers

- 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

Otowave 302 Standard Diagnostic Desktop Tympanometer

The 302 provides 226 Hz probe tone impedance measurements together with a user programmable range of both ipsi and contra lateral reflex test measurements at 500 Hz, 1000 Hz, 2000 Hz and 4000 Hz.

Otowave 302+ Standard Diagnostic Desktop Tympanometer

The 302+ option features a comprehensive range of test functions including user defined 226 Hz and 1000 Hz probe tone impedance measurements and a user programmable range of both ipsi and contra lateral reflex test measurements at 500 Hz, 1000 Hz, 2000 Hz and 4000 Hz.

In addition to these features the 302+ also has 6 additional programmable patient profiles, allowing for faster testing.



The Otowave 302 and 302+ tympanometers offer clinicians a wide range of testing options for all ages.

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 $\pm 0,1$ 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 ~ 3.5 ml

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 ~ 3.5 ml

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

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 (32 Or 64-Bit).

MedRx®

Good Things Come in Small Packages

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Distributed by:



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

MX-TYMP-INTDS-2 Rev. 2

