

Race Car® & Quik Tymp™

Successfully Screen Young Children in Seconds



The only tympanometers specifically designed to capture and keep your young patient's attention.

- The ideal hearing screening kit for children 3 to 5 years old
- Visual "race car" distraction holds the child's attention during the test
- Perform a tympanogram with ipsilateral reflex
- Choose the tympanometer or the tymp/audiometer combo
- Quick, quiet internal printer

TRUSTED TECHNOLOGY

SINCE 1937

MAICO DIAGNOSTICS

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Race Car® & Quik Tymp™

Quick, accurate, professional & fun

"Jenny, if you sit very still, you'll see your car win the big race."



The Race Car Tympanometer™ or Race Car Tympanometer™ Audiometer

Hearing screening can be difficult. A child who is uncooperative can be a time consuming challenge. The Race Car Tympanometer provides a visual distraction that captures the child's attention so you can create and maintain the proper seal for an accurate tympanogram. The entire test takes place while the patient watches the car accelerate across the screen to the finish line.

An accurate tympanogram with ipsilateral reflex is ready to review or print in seconds. The Race Car Tympanometer is also available as a tympan/audiometer combo.



The Quik Tymp™ 1 Tympanometer™ or Quik Tymp™ 2 Tympanometer™ / Audiometer

The Quik Tymp and Quik Tymp/Audiometer combo also provide a visual distraction for your patient. As a "reward" for sitting still, the child can watch the digital car's progress while you have achieved the proper seal and an accurate test.

When the proper seal is achieved, the digital car will begin driving toward the garage. When the car is in the garage, the door will close and your patient will hear a beep. The test is complete. Simply print the results.

Technical data

TYMPANOMETRY MODE

Probe Frequency 226 Hz +/- 3%
 Probe Intensity 85 dB SPL, +/- 2.0 dB measured into a 2 cc coupler, AGC controlled
 Probe Distortion less than 5%
 Pressure Range +200 to -400 daPa. Sweep stops - 200 daPa from the peak
 Pressure Accuracy +/- 15% or +/- 10 daPa, whichever is greater
 Pressure Sweep Rate 400 daPa/sec nomina
 EST Time of Test approx. 5 seconds
 Compliance Range 0.2 - 4.5 cc
 Compliance Accuracy +/- 0.1cc or 5%, whichever is greater over the Compliance Range
 Ear Canal Volume Range 0.2 - 6.0 cc
 Uncompensated Compliance 5.0 cc
 Compensated Range 0.0 - 1.0cc, 0.0 - 2.0cc, 0.0 - 3.0cc

REFLEX MODE

Reflex Tone 1 KHz
 Reflex Level 100 dB HL
 Accuracy +/- 3%
 Total Harmonic Distortion <5%
 Determination Compliance change >.062 cc
 Pressure Automatically returns to peak compliance point

DISPLAY

Type LCD

PRINTER

Type Fujitsu Thermal

PROBE

Weight 4 oz.
 Dimensions 1" x 2-1/2" x 1-1/4"

MECHANICAL

Dimensions 11-3/4" x 8-1/2" x 5-1/2" envelope
 Weight 5 lbs
 Voltage 117 volt +/- 10%

ENVIRONMENTAL

Operational Temp. 15° - +40° C
 Storage Temp. 0° to +60° C
 Relative Humidity 5° to 90%

AUDIOMETRY (Race Car Tympanometer w/Audiometer only)

Frequencies 250, 500, 1000, 2000, 3000, 4000, 6000, and 8000 Hz
 Decibel Range 0-85 dB in 5 dB steps
 Frequency Accuracy +/- 2%
 Noise Level 10 dB HL or 70 dB below the test tone, whichever is greater
 Distortion Less than 3% THD
 Level Accuracy +/- 3 dB of levels specified in ANSI S3.6-1996

TONE PRESENTATION

Rise/Fall Time 35 +/- 15 milliseconds
 On/Off Ratio greater than 70 dB at all frequencies

OUTPUT

Earphones Telephonics THD-39 w/100 ohm coils
 Crosstalk -70 dB or less than - 5dB HL, whichever is greater

CPT CODES

92567 Tympanometry
 92568 Acoustic Reflex
 92552 Pure Tone Threshold

Specifications subject to change without notice

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