

# touchTymp MI 24 RaceCar

## Tympanometry for children has never been so exciting

A new generation of intuitive middle ear testing.

### Features at a Glance

- Easy, fun middle ear testing for children
- Provides test results within seconds
- Allows testing from infants to adults
- Customizable to suit individual needs
- Full touch-based interface for intuitive handling
- Innovative probe lights allow for patient-focused operation
- Probe tone 226 Hz (optional 1000 Hz)
- Ipsi acoustic reflex 500 Hz, 1 kHz, 2 kHz, 4 kHz (optional contralateral)
- High resolution and quick screen transitions
- Built-in printer

### Colorful animation keeps children focused

We make immittance testing easy and fast by focusing the child's attention on an exciting race car animation. The animation distracts the child and turns the test procedure into an engaging and fun experience: the start of a tympanometry or reflex screening becomes the start of a high-speed car race. This makes the screening procedure easier for you and more enjoyable for your little patients!

### Quick and intuitive middle ear analysis

The touchTymp RaceCar is designed for efficient workflows: a light bar on the ergonomic probe provides real-time progression of the immittance test. With the large touchscreen, setting the parameters and switching between tests is fast and easy. Save time and effort by improving your workflows every day!

### Comprehensive test protocols

The touchTymp MI 24 RaceCar provides comprehensive standard protocols for immediate operation of all screening test processes: tympanometry with 226 Hz, tympanometry with automatic acoustic reflexes, or tympanometry with acoustic reflexes at a fixed level. The optional high-frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns.

### Printing made easy

Print test results instantly by using the touchTymp built-in printer. Place the probe into its holder to automatically start the printing process. You can transfer the results to a PC to allow long term storage, full page printout and PDF creation for EMR integration.



## Technical Data

### TYMPANOMETRY

<b>Probe Frequency</b>	226 Hz $\pm$ 1 %, 85 dB <sub>SPL</sub> $\pm$ 1.5 dB
<b>Optional High Frequency</b>	1 kHz $\pm$ 1%, 69 dB <sub>SPL</sub> $\pm$ 1.5 dB
<b>Pressure Range</b>	-600 to + 400 daPa
<b>Accuracy of Pressure</b>	$\pm$ 5 % or $\pm$ 10 daPa
<b>Volume Range</b>	0.0 to 6.0 ml (compensated)
<b>Compliance Range</b>	0.1 to 8.0 ml at 226 Hz 0.1 to 15.0 mmho at 1 kHz (option)
<b>Accuracy of Volume</b>	$\pm$ 5 % or 0.1 ml
<b>Test Time Measurement</b>	3 - 5 seconds

### ACOUSTIC REFLEXES

<b>Test Frequencies</b>	0.5, 1, 2, 4 kHz $\pm$ 1 %
<b>Test Methods</b>	Ipsilateral; optional contralateral
<b>Level Ipsilateral</b>	70 to 105 dB <sub>HL</sub>
<b>Level Contralateral</b>	70 to 120 dB <sub>HL</sub>
<b>Level Setting</b>	Automatic or fixed
<b>Ipsilateral Reflex Test</b>	With AGC

### DEVICE GENERAL

<b>Display</b>	10.4" Graphic LED-Display with resistive touchscreen
<b>PC Interface</b>	USB
<b>Probe</b>	Lightweight hand-held probe with built-in control light and switch
<b>Printer</b>	Fast 4 inch thermal printer
<b>Power Supply</b>	100 to 240 V $\pm$ 10 %, 50 - 60 Hz $\pm$ 10 %
<b>Dimensions</b>	11.81" W x 3.58" D x 5.83" H
<b>Weight</b>	7.1 lbs
<b>Languges</b>	English, German, Spanish, French, Polish, Turkish, Russian, Chinese, Italian

### STANDARD

- ANSI/ AAMI ES/ IEC/ EN 60601-1, class I, Type B
- IEC 60645-5, Type 2/ ANSI S3.39, Type 2
- Class IIa according to EU medical device directive 93/42/EEC



### STANDARD COMPONENTS

- Pen probe
- Built-in calibration cavity
- Sanibel ear tip kit
- Built-in printer
- Roll of thermal paper
- Power supply
- Probe floss kit
- MAICO USB flash drive kit
- MAICO software
- USB cable
- Cleaning cloth
- Touch pen
- Quick guide
- Operation manual

### OPTIONAL ACCESSORIES

- Contralateral transducer DD45 C, CIR22, IP30 C

Specifications are subject to change without notice.

Standard Components			
	touchTym with printer	Pen Probe	Ear tip kit
	Optional Accessories		
DD45 C		CIR22	IP30 C



Sanibel Supply