

touchTymp MI 24

The first tympanometry solution with a full touchscreen interface

A new generation of intuitive impedance testing.

Simply intuitive

touchTymp combines a full 10.4" touchscreen interface and an innovative icon structure for an amazingly intuitive operation. The large color display allows to easily change parameters with a maximum of 3 clicks. touchTymp simply improves every professional's daily workflow.

Patient-focused testing

Designed to help the user to stay focused on the patient rather than on the measurement - the unique lightbar on the ergonomic and responsive probe provides a real-time progression of the test. Plus, advanced light indicators show which ear is tested and the test result.

Comprehensive test protocols

The touchTymp MI 24 provides comprehensive standard protocols for an 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

Test results and reports can be quickly printed with the built-in printer. When placing the probe into the probe holder the test results will print automatically - touchTymp really is that easy and intuitive.

Features at a glance

- Provides test results within seconds
- Allows testing from infants to adults
- Customizable to suit individual needs
- Full touch-based interface for an intuitive handling
- Innovative probe lights allow a patient-focused operation
- Probe tone 226 Hz, optional high frequency probe tone 1 kHz
- Acoustic reflex frequencies 500 Hz, 1 kHz, 2 kHz, 4 kHz (ipsi- and optional contralateral)
- High resolution and quick screen transitions
- Built-in printer



Technical Data touchTymp MI 24

TYMPANOMETRY

Probe Frequency	226 Hz ± 1 %, 85 dB _{SPL} (69 dB _{HL}) ± 1.5 dB
Optional High Frequency	1 kHz ± 1%, 69 dB _{SPL} (69 dB _{HL}) ± 1.5 dB
Pressure Range	-600 to +400 daPa
Accuracy of Pressure	± 5 % or ± 10 daPa
Volume Range	0.1 to 8.0 ml at 226 Hz
Compliance Range	0.1 to 8.0 ml at 226 Hz
Accuracy of Volume	± 5 % or 0.1 ml
Test Time	3 - 5 seconds

REFLEX MODE

Test Frequencies Test	0.5, 1, 2, 4 kHz ± 1%
Method	Ipsilateral; optional contralateral
Level Ipsilateral	70 to 105 dB _{HL}
Level Contralateral	70 up to 120 dB _{HL} with contra phone receiver
Level Setting	Automatic or fixed
Ipsilateral Reflex Test	With or without AGC

DEVICE GENERAL

Display	10.4" Graphic LED-Display with resistive touchscreen
PC Interface	USB
Probe	Lightweight hand-held probe with built-in control light and switch
Printer	Fast, virtually silent 4 inch thermal printer
Power Supply	Mains 100 to 240 V~ ± 10 %, 50-60 Hz ± 10 %
Dimensions	W 11.81 x D 13.58 x H 5.83 in
Weight	7.1 lbs

STANDARD

Safety: IEC 60601-1, Class 1, Type B
EMC: IEC 60601-1-2
Impedance: IEC 60645-5, Type 2 / ANSI S3.39, Type 2
 According to the medical device directive 93/42/EEC



STANDARD COMPONENTS

Pen Probe, built-in calibration cavity, eartip kit, built-in printer and roll of thermal paper, probe floss kit, MAICO USB flash drive, Impedance Module software, USB-cable, cleaning cloth, touchpen and power supply.

OPTIONAL ACCESSORIES

Contralateral phone •CIR 22 •IP30 •DD45C

Specifications are subject to change without notice.

<div style="background-color: #92d050; padding: 5px; text-align: center; color: white; font-weight: bold;">Standard Components</div>			
	touchTymp device with printer	Pen Probe	Ear tip kit
	<div style="background-color: #808080; padding: 5px; text-align: center; color: white; font-weight: bold;">Optional Accessories</div>		
DD45C		CIR22	IP30