MAICO

touchTymp MI 24
The first in our ALL-TOUCH impedance line

A new generation of intuitive impedance testing.

Simply intuitive

The touchTymp combines a full 10.4" touchscreen interface and an innovative icon structure for amazingly intuitive handling. The large colour display allows the user 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 remain focused on the patient rather than on the measurement - the unique light bar 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 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 printed quickly using 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.

Compatible to Sessions: Get ready for fast data transfer!

Use the touchTymp MI 24 with our intuitive data transfer solution Sessions, for easy management and visualization of your immittance measurements.

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 intuitive handling
- Innovative probe lights allow for 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
- Optional MAICO Sessions PC Software connectable with OtoAccess® or Noah patient database for easy data management

Technical Data touchTymp MI 24

TYMPANOMETRY

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

ACOUSTIC REFLEXES

Test Frequencies	0.5, 1, 2, 4 kHz ± 1 %
Test Methods	Ipsilateral; optional contralateral
Level Ipsilateral	70 to 105 dBHL
Level Contralateral	70 to 120 dBHL
Level Setting	Automatic or fixed
Ipsilateral Reflex Test	With 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 4 inch thermal printer
Power Supply	Mains 100 to 240 V~ ± 10 %, 50 - 60 Hz ± 10 %
Dimensions	W 30 x D 34.5 x H 14.8 cm
Weight	3.2 kg

Languages	English, German, Spanish, French, Polish, Turkish, Russian, Chinese

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 and roll of thermal paper, mains cable, probe floss kit, cleaning cloth, touchpen, operational manual, quick guide

OPTIONAL ACCESSORIES

Contralateral transducer DD45 C

OPTIONAL SOFTWARE

- MAICO Sessions PC Software
- OtoAccess® Database
- Noah Database

We highly recommend to use Sanibel disposables in order to guarantee optimal test results.

Only Sanibel disposables are designed to ensure reliable test results with MAICO products.

Specifications are subject to change without notice.

Standard Components

touchTymp device with printer

Pen Probe

Ear tip kit

Optional Accessories/ Software

DD45 C

MAICO Sessions PC Software

OtoAccess® Database

Noah Database