

touchTymp MI 24

The first in our ALL-TOUCH impedance line

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
(ipsilateral and optional contralateral)
- High resolution and quick screen transitions
- Built-in printer

MAICO Sessions* for Easy Data Transfer

Sessions is an icon-based software providing workflow efficiencies and high-speed data management. Simply connect your device to a PC and transfer the patient session. Results may be saved in the optional OtoAccess® database, saved in your Noah database or printed to a PDF for storing in an EMR system.

* Optional

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.



Technical Data

TYMPANOMETRY

Probe Frequency 226 Hz \pm 1 %, 85 dB_{SPL} \pm 1.5 dB
 Optional High Frequency 1 kHz \pm 1%, 69 dB_{SPL} \pm 1.5 dB

Pressure Range -600 to +400 daPa
 Accuracy of Pressure \pm 5 % or \pm 10 daPa
 Volume Range 0.0 to 6.0 ml (compensated)
 Compliance Range 0.1 to 8.0 ml at 226 Hz
 Accuracy of Volume \pm 5 % or 0.1 ml
 Test Time 3 - 5 seconds

REFLEX MODE

Test Frequencies 0.5, 1, 2, 4 kHz \pm 1%
 Test Method Ipsilateral; optional contralateral
 Level Ipsilateral 70 to 105 dB_{HL}
 Level Contralateral 70 to 120 dB_{HL}
 with contra phone receiver
 Level Setting Automatic or fixed
 Ipsilateral Reflex Test With and 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 100 to 240 V~ \pm 10 %, 50 - 60 Hz \pm 10 %
 Dimensions 11.81 in x 13.58 in x 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
- Ear tip kit
- Built-in printer
- Roll of thermal paper
- Probe floss kit
- Cleaning cloth
- Touch pen
- Power supply

OPTIONAL ACCESSORIES

Contralateral phones:

- IP30
- DD45C
- MAICO Sessions PC software kit
- OtoAccess®

Specifications are subject to change without notice.

Standard Components



touchTym device with printer



Pen Probe



Ear tip kit

Optional Accessories



DD45 C



IP30



MAICO Sessions PC Software



OtoAccess®



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ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.