

touchTymp MI 26

Tympanometry & Audiometry in one device

Simply intuitive middle ear screener with audiometry

Features at a Glance

- Combo device with small footprint
- Customizable to suit individual needs
- High resolution and quick screen transitions
- Full touch-based interface for intuitive handling
- Probe tone 226 Hz
- Optional high-frequency probe tone 1 kHz
- Acoustic reflex stimuli 500 Hz, 1 kHz, 2 kHz, 4 kHz (ipsilateral and optional contralateral)
- Air conduction audiometry
- Optional bone conduction audiometry
- Built-in printer or data transfer to PC

Improve your workflow every day

Our touchTymp MI 26 combines fast screening tympanometry and audiometry tests in one exceptional device. The full 10.4" touchscreen with its user-friendly interface guarantees a unique intuitive operation and allows the user to quickly change parameters. You can easily switch between the tests without reorganizing from one to another device and benefit from its small footprint when facing limited desk space. touchTymp MI 26 really improves your workflow every day.

Comprehensive test protocols

The touchTymp MI 26 offers comprehensive standard protocols for immediate operation of all screening test processes: tympanometry with 226 Hz, tympanometry with automatic or fixed acoustic reflexes and audiometry (air conduction and optional bone conduction). The optional high-frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns.

Tympanometry



Audiometry



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 0.1 to 15.0 mmho at 1 kHz
Accuracy of Volume	\pm 5 % or 0.1 ml
Test Time Measurement	3 - 5 seconds

ACOUSTIC REFLEXES

Test Frequencies	0.5, 1, 2, 4 kHz \pm 1 %
Test Methods	Ipsilateral; optional contralateral
Level Ipsilateral	70 to 105 dB _{HL}
Level Contralateral	70 to 120 dB _{HL}
Level Setting	Automatic, fixed
Ipsilateral Reflex Test	With AGC

AUDIOMETRY

Test Signals	Pure and warble tone (pulsed and continuous)
Test Frequencies	125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz (125 Hz excluded when bone conduction included)
Level Steps	5 or 1 dB
Hearing Level Range AC	-10 to 120 dB _{HL}
Hearing Level Range BC	-10 to 80 dB _{HL}
Masking Noise (included with BC option)	Narrow band and white noise

DEVICE GENERAL

PC Interface	10.4" Graphic LED-Display with resistive touchscreen
Probe	USB Lightweight hand-held probe with built-in control light and switch
Printer	Fast 4 inch thermal printer
Power Supply	100 to 240 V \pm 10 %, 50 - 60 Hz \pm 10 %
Dimensions/Weight	11.81" W x 3.58" D x 5.83" H / 7.1 lbs
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; IECANSI S3.39, Type 2
- IEC 60645-1 Type 3/ANSI S3.6 Type 3
- Class IIa according to EU medical device directive 93/42/EEC



STANDARD COMPONENTS

- Pen probe
- DD45 with HB7 headband
- Patient response switch
- Mic-monitor headset
- Built-in calibration cavity
- Built-in printer
- Roll of thermal paper
- Power supply
- Sanibel ear tip kit
- Touchpen
- USB cable
- MAICO USB flash drive kit
- Probe floss kit
- Cleaning cloth
- MAICO software
- Quick guides
- Operational manual

OPTIONAL ACCESSORIES

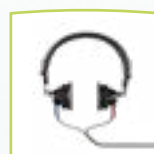
- Contra phone (DD45C, IP30, CIR22)
- Audiometric transducer (B71)
- Talk back microphone
- Carry case



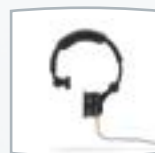
touchTyp with printer



Pen Probe



DD45



DD45C



IP30



CIR22



B71



Specifications are subject to change without notice.

MAICO Diagnostics

10393 West 70th Street, Eden Prairie, MN 55344

Tel: (888) 941-4201 | Fax: (952) 903-4100

e-mail: info@maico-diagnostics.com | Web: www.maico-diagnostics.com

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.