

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

Tympanometry



Audiometry



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.





Technical Data

TYMPANOMETRY

Probe Frequency $226 \text{ Hz} \pm 1 \%$, $85 \text{ dB}_{SPI} \pm 1.5 \text{ dB}$ **Optional High Frequency** $1 \text{ kHz} \pm 1\%$, $69 \text{ dB}_{SPI} \pm 1.5 \text{ dB}$

- 600 to + 400 daPa Pressure Range Accuracy of Pressure \pm 5 % or \pm 10 daPa Volume Range 0.0 to 6.0 ml (compensated)

0.1 to 8.0 ml at 226 Hz **Compliance Range** 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

70 to 105 dB_{HI} Level Ipsilateral Level Contralateral 70 to 120 dB_{III} 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)

5 or 1 dB Level Steps Hearing Level Range AC -10 to 120 dB_H Hearing Level Range BC -10 to 80 dB_{III}

Masking Noise Narrow band and white noise

(included with BC option)

Components





touchTymp with printer



DD45C



Pen Probe





DD45

DEVICE GENERAL

10.4" Graphic LED-Display with resistive Display

touchscreen

PC Interface USB

Probe Lightweight hand-held probe with built-in

control light and switch

Printer Fast 4 inch thermal printer **Power Supply** 100 to 240 $V \sim \pm 10 \%$,

 $50 - 60 \text{ Hz} \pm 10 \%$

Dimensions/Weight 11.81 in x 3.58 in x 5.83 in / 7.1 lbs English, German, Spanish, French, Polish, Languages

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

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- Probe floss kit
- Cleaning cloth
- MAICO software
- Quick guides
- Operational manual

OPTIONAL ACCESSORIES

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



Specifications are subject to change without notice.

Tel.: (888) 941-4201 Fax: (952) 903-4100 info@maico-diagnostics.com www.maico-diagnostics.com/us 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.