

touchTymp MI 26

Tympanometry & Audiometry in one device

Simply intuitive middle ear screener with 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. 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 probetone of 1 kHz is ideal for providing reliable results when testing newborns.

Stay focused on your patients

The touchTymp light bar on our ergonomic and responsive probe provides a real-time progression of the tympanometry tests. The light indicator right at your fingertip shows you which ear is tested and the test result.

Printing made easy

Print test results instantly by using the touchTymp built-in printer. Place the probe into its holder to automatically start the printing process. You can transfer the results to a PC to allow long term storage, full page printout and PDF creation for EMR integration.

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



Technical Data touchTymp MI 26

TYMPANOMETRY

Probe Frequency	226 Hz ± 1 %, 85 dB SPL ± 1.5 dB
Optional High Frequency	1 kHz ± 1%, 69 dB SPL ± 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
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, fixed
Ipsilateral Reflex Test	With AGC

AUDIOMETRY

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

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/ 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 headset, patient response switch, built-in calibration cavity, built-in printer and roll of thermal paper, mains cable, Sanibel ear tip kit, probe floss kit, MAICO USB flash drive kit, MAICO software, USB-cable, cleaning cloth, touchpen, operational manual, quick guides

OPTIONAL ACCESSORIES

Tympanometry contralateral transducer (CIR22, DD45 C), Audiometric transducer (B71), talk back microphone, mic-monitor headset

SANIBEL

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



Specifications are subject to change without notice.

<div style="background-color: #92d050; padding: 10px; text-align: center; color: white; font-weight: bold;">Standard Components</div>			
	touchTymp with printer	Pen Probe	DD45
	<div style="background-color: #d9d9d9; padding: 10px; text-align: center; color: white; font-weight: bold;">Optional Components</div>		
CIR22 (Tympanometry)		DD45 C (Tympanometry)	B71 (Audiometry)

MAICO Diagnostics GmbH

Sickingenstr. 70-71 · 10553 Berlin · Germany
 Tel.: +49 30 / 70 71 46-50 · Fax: +49 30 / 70 71 46-99
 sales@maico.biz · www.maico.biz