

## 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 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.

#### 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

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

## ACOUSTIC REFLEXES

<b>Test Frequencies</b>	0.5, 1, 2, 4 kHz ± 1 %
<b>Test Methods</b>	Ipsilateral; optional contralateral
<b>Level Ipsilateral</b>	70 to 105 dBHL
<b>Level Contralateral</b>	70 to 120 dBHL
<b>Level Setting</b>	Automatic, fixed
<b>Ipsilateral Reflex Test</b>	With AGC

## AUDIOMETRY

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

## DEVICE GENERAL

<b>Display</b>	10.4" Graphic LED-Display with resistive touchscreen
<b>PC Interface</b>	USB
<b>Probe</b>	Lightweight hand-held probe with built-in control light and switch
<b>Printer</b>	Fast 4 inch thermal printer
<b>Power Supply</b>	Mains 100 to 240 V~ ± 10 %, 50 - 60 Hz ± 10 %
<b>Dimensions</b>	W 30 x D 34.5 x H 14.8 cm
<b>Weight</b>	3.2 kg
<b>Languages</b>	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, mic-monitor headset, 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);  
Audiometric transducer (B71), talk back microphone

## SANIBEL

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



Specifications are subject to change without notice.

Standard Components			
	touchTymp with printer	Pen Probe	DD45
	Contra Phone Option		
CIR22 (Tympanometry)		B71 (Audiometry)	