PC Software

Customize touchTymp's software to show only the data you need in your preferred language (English, German, French, Spanish or Polnish). The intuitive icons lead you through your data with very few clicks and make it easy to compare a patient's measurements.

Middle ear testing for all ages

You and your patients are diverse – and so is our touchTymp. touchTymp is designed for the needs of all ages. Perform screening and diagnostic tests from newborn patients to older adults.

Printing made easy

Save time by using the touchTymp built-in printer: Just place the probe into its holder to instantly and fully automatically print test results and reports.

Technical Data touchTymp

TYMPANOMETRY

Probe Frequency	226 Hz ± 1 %, 85 dBSPL ± 1.5 dB
Optional High Frequency	1 kHz ± 1%, 69 dBSPL ± 1.5 dB
Pressure Range	- 600 to + 400 daPa
Accuracy of Pressure	± 5 % or ± 10 daPa
Volume Range	0.0 to 6.0 ml
Compliance Range	0.1 to 8.0 ml at 226 Hz
Accuracy of Volume	± 5 % or 0.1 ml
Test Time	3 - 5 seconds

ACOUSTIC REFLEXES

Test Frequencies	0.5, 1, 2, 4 kHz ± 1 %
Test Noise	BB, LP, HP
Test Methods	Ipsilateral
Level Ipsilateral	70 to 105 dBHL
Level Contralateral	70 to 120 dBHL
Level Setting	Automatic, fixed
Ipsilateral Reflex Test	With AGC

DEVICE GENERAL

Display	10.4" Graphic LED Display with resistive touchscreen
PC Interface	USB
Probe	Lightweight diagnostic Shoulder-Box 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
Language	English, German, Spanish, French

STANDARD

- ANSI/AAMI ES/IEC/EN 60601-1, class I, Type B;
- IEC 60645-5, Type 2; ANSI S3.39, Type 2
- Class IIa according to EU medical device directive 93/42/EEC

CE 0123

ADDITIONAL SPECIFICATIONS TOUCHTYMP MI 34

TYMPANOMETRY

Probe Frequency	678 Hz ± 1%, 72 dBSPL ± 1.5 dB, 800 Hz ± 1%, 70.5 dBSPL ± 1.5 dB
Compliance Range	0.1 to 15.0 mmho at 678, 800 and 1000 Hz

ACOUSTIC REFLEXES

Test Methods	Contralateral

REFLEX DECAY

Standard	Probe frequency 226 Hz
Test frequencies	0.5, 2, 4 kHz ± 2 %
Test Noise	BB, LP, HP
Level Ipsilateral	70 to 105 dBHL
Level Contralateral	70 to 120 dBHL

EUSTACHIAN TUBE FUNCTION

Test Methods	Intact and perforated
Pressure Range	- 600 to + 400 daPa

SANIBEL

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

Sanibel™

Specifications are subject to change without notice.

Standard Components

touchTymp device with printer

Pen Probe

Shoulder-box

Ear tip kit

MAICO Diagnostics GmbH
Sickingenstr. 70 -71
10553 Berlin, Germany

представител за България
Илан Медицинска Апаратура ООД
София, бул. „Джеймс Баучер" № 76А
Hill Tower Business Center ет. 1
тел. 070017373
E-mail: **office@ilan.bg** Web: **www.ilan.bg**

touchTymp

Our ALL-TOUCH impedance line

Simply intuitive middle ear testing

Our touchTymp impedance line is designed to turn tympanometry into an intuitive, efficient and enjoyable operation. Improve your daily workflow with our full 10.4" touchscreen and a user-friendly interface that allows an easy change of parameters.

„I can operate all features within 3 clicks. touchTymp really is amazingly intuitive"

Dr. Michel Bloch, Cannes, France

Probe lightbar	Explanation	
	Tympanometry & Acoustic Reflex	Shows result: No Response
	Tympanometry & Acoustic Reflex	Shows result: Pass
	Acoustic Reflex	Stimulus is being given (additionally the last result is shown)
	Tympanometry	Lights up (rolling up) dependent on the values (normative box)

Focus on your patient

Experience full control of the tympanometry probe while concentrating on your patient: touchTymp's easy to handle probes feature unique light bars to provide a real-time progression of the test. To exactly match your needs, the different touchTymp versions come with distinctive probes. touchTymp MI 24 offers an ergonomic pen probe for screening tests. touchTymp MI 34 features a lightweight shoulder box for both screening and diagnostic purposes.

Comprehensive test protocols

Our touchTymp line provides comprehensive standard protocols for immediate operation of screening and diagnaostic test processes:

Tests	MI 24	MI 34
Tympanometry	√	√
226 Hz	√	√
678 Hz		√
800 Hz		√
1000 Hz	optional upgrade	optional upgrade
Acoustic Reflex	√	√
Fixed (Screening)	√	√
Automatic (Threshold)	√	√
Ipsilateral	√	√
Contralateral	optional upgrade	√
Puretone	√	√
Noise		√
Reflex Decay		√
Ipsilateral		√
Contralateral		√
ETF		√
ETF-Intact		√
ETF-Perforated		√