

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

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

- 600 to + 400 daPa **Pressure Range** Accuracy of Pressure \pm 5 % or \pm 10 daPa 0.0 to 6.0 ml Volume Range Compliance Range 0.1 to 8.0 ml at 226 Hz \pm 5 % or 0.1 ml Accuracy of Volume Test Time 3 - 5 seconds

ACOUSTIC REFLEXES

0.5, 1, 2, 4 kHz ± 1 % **Test Frequencies Test Noise Test Methods** Ipsilateral 70 to 105 dBHL Level Ipsilateral 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

Probe Lightweight diagnostic Shoulder-Box probe with built-in control light and switch

Printer Fast 4-inch thermal printer Mains 100 to 240 $V_{\sim} \pm 10 \%$, **Power Supply**

50 - 60 Hz ± 10 %

W 30 x D 34.5 x H 14.8 cm **Dimensions**

Weight 3.2 kg

English, German, Spanish, French Language

STANDARD

• ANSI/AAMI ES/IEC/EN 60601-1, class I, Type B;



• Class IIa according to EU medical device directive 93/42/EEC

ADDITIONAL SPECIFICATIONS TOUCHTYMP MI 34

TYMPANOMETRY

678 Hz \pm 1%, 72 dBSPL \pm 1.5 dB, **Probe Frequency**

800 Hz \pm 1%, 70.5 dBSPL \pm 1.5 dB

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0.1 to 15.0 mmho at 678, 800 and 1000 Hz **Compliance Range**

ACOUSTIC REFLEXES

Test Methods Contralateral

REFLEX DECAY

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

EUSTACHIAN TUBE FUNCTION

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

We highly recommend to use Sanibel disposables in order to guarantee

optimal test results.

Sanibel[™]

Specifications are subject to change without notice.



MAICO

Our ALL-TOUCH impedance line

touchTymp













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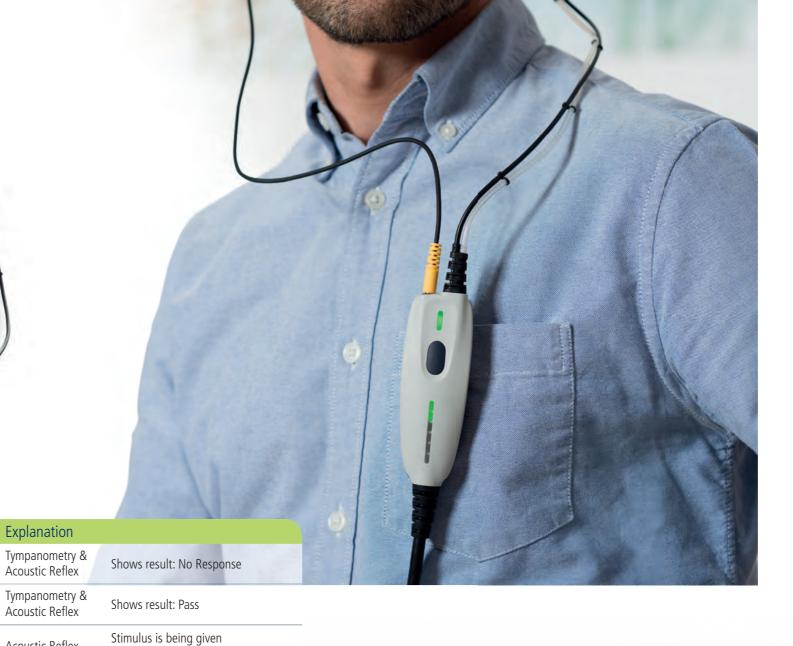


Simply intuitive middle ear testing

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



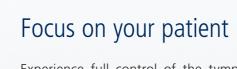




Comprehensive test protocols

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

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



Acoustic Reflex

Tympanometry

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.

(additionally the last result is shown)

Lights up (rolling up) dependent on the values (normative box)





