

touchTymp MI 34

Simply Intuitive Middle Ear Diagnostics

Additional Evaluation Possibilities for Advanced Testing

Improve Your Workflow Every Day

The touchTymp combines a full 10.4" touch screen and a user-friendly designed interface for an intuitive operation. The large colour display allows the user to easily change parameters.

Stay Focused on Your Patients

The unique touchTymp light bar on our shoulder box probe provides a real-time progression of the test. The shoulder box can easily be clipped to your patient's top for controlled handling of the shoulder box probe. Plus, light indicators show test status and result.

Comprehensive Test Protocols

Our touchTymp MI 34 provides comprehensive standard protocols for immediate operation of screening and diagnostic test processes: tympanometry with 226 Hz, tympanometry with automatic acoustic reflexes or at a fixed level, reflex decay measurements and Eustachian tube function testing (ETF). The optional high frequency probe tone of 1000 Hz is ideal for providing reliable results when testing infants.

Easy Data Management

Take control of your test results with ease and efficiency. Experience swift and seamless test result printing with our built-in printer. Simply insert the probe into the designated holder, and watch as the test results effortlessly print at your fingertips. Elevate your digital data management, complemented by our user-friendly PC software solution, MAICO Sessions.

Middle Ear Testing Becomes Child's Play

The RaceCar animation captures the child's focus through an exhilarating car racing experience while immittance testing is being performed. The animation not only distracts the child but also transforms the testing procedure into an engaging and enjoyable experience. As the high-speed car race begins, so does the start of tympanometry or reflex screening, making the process easier for you and more delightful for your young patients!

Features at a Glance

- Full touch screen operation for intuitive handling
- Diagnostic test battery: tympanometry, acoustic reflexes, reflex decay, ETF
- Allows testing from infants to adults
- RaceCar animation to maintain child's attention
- Customizable to suit individual needs
- Innovative probe lights for patient-focused operation
- Easy data management with built-in printer or optional MAICO Sessions PC software



Technical Data touchTymp MI 34

TYMPANOMETRY

Probe Frequency	226 Hz, 85 dB SPL 678 Hz, 72 dB SPL 800 Hz, 70.5 dB SPL
Optional High Frequency	1000 Hz, 69 dB SPL
Pressure Range	- 600 to + 400 daPa
Volume Range	0.0 ml to 6.0 ml (compensated)
Compliance Range	0.1 ml to 8.0 ml at 226 Hz 0.1 to 15.0 mmho at 678, 800 and 1000 Hz
Test Time	3 - 5 seconds
Features	RaceCar, YBG components, Compensated and uncompensated

ACOUSTIC REFLEXES

Test Frequencies	500, 1000, 2000, 4000 Hz
Test Noise	BB, LP, HP
Test Methods	Ipsilateral, contralateral
Level Ipsilateral	70 dB HL to 105 dB HL
Level Contralateral	70 dB HL to 120 dB HL
Level Setting	Automatic, fixed
Features	RaceCar, AGC ipsilateral, Steady and pulse signal

REFLEX DECAY

Test Frequencies	500, 1000, 2000, 4000 Hz
Test Noise	BB, LP, HP
Level Ipsilateral	70 dB HL to 105 dB HL
Level Contralateral	70 dB HL to 120 dB HL

EUSTACHIAN TUBE FUNCTION

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

DEVICE GENERAL

Display	10.4" Graphic LED display with resistive touch screen
PC Interface	USB
Probe	Lightweight diagnostic shoulder box probe with built-in control light and switch
Printer	Fast 4" thermal printer
Power Supply	Mains 100 to 240 V~, 50 - 60 Hz
Dimensions / Weight	W x D x H: 30 cm x 34.5 cm x 14.8 cm / 3.2 kg
Languages	English, Chinese, French, German, Italian, Polish, Russian, Spanish, Turkish

STANDARDS

Tympanometer	IEC 60645-5, Type 2
Safety	IEC 60601-1, Class I, Type B Applied Parts
EMC	IEC 60601-1-2
CE 0123	Class IIa according to Medical Device Regulation (EU) 2017/745

STANDARD COMPONENTS

touchTymp, contra headphone DD45C, ear tip box, power supply, printer (built-in), probe floss kit, shoulder box probe, test cavity (built-in)

OPTIONAL SOFTWARE

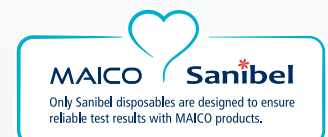
MAICO Sessions PC software, OtoAccess® Database, OtoAccess® Worklist HL7 (OtoAccess® Database add-on), Noah Database

OPTIONAL LICENSE

1000 Hz high frequency probe tone

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 device	Shoulder box probe	Ear tip box	Contra headphone DD45C
Optional Software				
	MAICO Sessions PC software	OtoAccess® Database	Noah Database	

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