

easyTymp

Handheld Screening Tympanometer with Reflex Tests

Very Fast Middle Ear Measurements

The easyTymp is the ideal handheld device for middle ear screening tests. It performs reliable tympanometry and ipsi-lateral reflex tests within seconds. The intensity of the ipsi-lateral reflex test is increased automatically until a reflex is detected or the maximum for all four frequencies is reached.

Test Protocol

All available test protocols can be easily selected with one hand. Available test protocols: Tympanometry with 226 Hz, Tympanometry and Auto Reflex or Tympanometry with Reflex at 90 dB. The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing infants.

Extensive Storage

The internal memory of the easyTymp stores more than 1000 measurements.

easyTymp Version Cradle

The optional cradle serves as a docking station and recharger and is ready to insert the eartipbox.

Compatible to Sessions: Get Ready for Fast Data Transfer!

Use the easyTymp with our intuitive data transfer solution Sessions, for easy management and visualization of your tympanograms.

Features at a Glance

- Very fast and reliable impedance measurements
- Probe tone 226 Hz, optional high frequency probe tone 1 kHz
- Ipsi Reflex frequencies 500 Hz, 1 kHz, 2 kHz, 4 kHz
- Automatic tests – self-explanatory to use
- Full color, high resolution display
- Stores more than 1000 measurements
- Optional MAICO Sessions PC Software connectable with OtoAccess® or Noah patient database for easy data management



Technical Data

TYMPANOMETRY

Probe Frequency	226 Hz ± 1%, 85 dB SPL in 2 cm ³
High Frequency	1000 Hz ± 1%, 69 dB SPL in 2 cm ³
Pressure Range	-400 to +200 daPa
Accuracy of Pressure	± 5% or ± 10 daPa
Volume Range	0.1 to 8.0 ml
Compliance Range	0.1 to 8.0 ml at 226 Hz 0.1 to 15.0 mmho at 1000 Hz
Test Time	< 6 seconds

ACOUSTIC REFLEXES

Test Frequencies	500, 1000, 2000, 4000 Hz ± 3%
Test Method	Ipsilateral
Intensities Reflexes	70 to 100 dBHL
Intensity Settings	Automatic or single intensity

OPT. HIGH FREQUENCY Tymp 1 kHz;
Tymp 1 kHz + Auto Reflex;
Tymp 1 kHz + Reflex 80 dB BB

GENERAL

Memory	1 curve per ear and test
Storage	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions / Weight	W x D x H: 80 x 300 x 70 mm / 427 g

OPTIONAL CRADLE

Dimensions	W x D x H: 150 x 295 x 110 mm
Power	100 - 240 VAC, 50/60 Hz

OPTIONAL PRINTER

Type	2 inch thermal dot matrix
Weight	197 g
Data Transfer	Wireless

STANDARDS

IEC 60601-1, Class II, Type B	
IEC 60601-1-2, IEC 60645-5	
according to medical directive 93/42/EEC	

STANDARD COMPONENTS

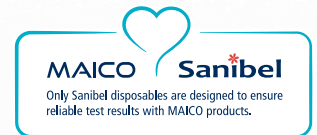
easyTymp handheld unit with rechargeable battery, spare probe tip, power supply, eartip box with eartips and eartip removal-tool, test cavity, carrying case, operating manual, quick user guide

OPTIONAL ACCESSORIES/ SOFTWARE

Extension cable (35 cm) with status lights, license for high frequency probe tone of 1 kHz, cradle, power supply unit and additional rechargeable battery, wireless thermal printer, wall mount kit for cradle, MAICO Sessions PC Software, OtoAccess® Database, Noah Database

SANIBEL

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



Specifications are subject to change without notice.

<p>Standard Components</p>								
	easyTymp device	Probe tip	Eartip box with eartips	Carrying case				
	<p>Optional Accessories/ Software</p>							
		Extension cable	Cradle	Wireless thermal printer	MAICO Sessions PC Software	OtoAccess® Database	Noah 4	Noah Database

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