

## easyTymp Handheld Middle Ear Analyzer – Plus Version

### The easyTymp comes with a Plus

#### Very Fast Middle Ear Measurements

The easyTymp is the ideal handheld device for middle ear screening tests. It performs reliable tympanometry as well as ipsi- and contralateral reflex tests within seconds.

#### Test Protocols

All available test protocols can be easily selected with one hand. Available test protocols: tympanometry with 226 Hz and ipsi- and contralateral reflexes (automatic or single intensity). 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 Plus Version stores more than 1000 measurements.

#### easyTymp Plus Version Cradle

The optional cradle serves as a docking station and re-charger 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
- Reflex frequencies 500 Hz, 1 kHz, 2 kHz, 4 kHz (ipsi- and contralateral)
- 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 easyTymp Plus

## TYMPANOMETRY

Probe Frequency	226 Hz ± 1%, 85 dB SPL in 2 cm <sup>3</sup>
High Frequency	1000 Hz ± 1%, 69 dB SPL in 2 cm <sup>3</sup>
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	Ipsi- and contralateral
Intensities Reflexes	70 to 100 dB HL
Intensity Settings	Automatic or single intensity

**OPT. HIGH FREQUENCY** Tym 1 kHz;  
Tym 1 kHz + Auto Reflex;  
Tym 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

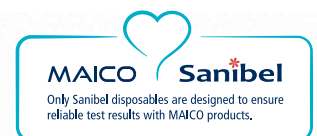
easyTymp Plus Version handheld unit, contra probe (length 140 cm), contralateral headset DD45C, spare probe tip, rechargeable battery, power supply unit for handheld unit, eartip box with eartips and eartip removal-tool, test cavity, carrying case, operating manual, quick user guide

## OPTIONAL ACCESSORIES / SOFTWARE

License for high frequency probe tone of 1 kHz, cradle, power supply unit and additional rechargeable battery, wireless thermal printer, wall mount kit for docking station, 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><b>Standard Components</b></p>						
	easyTymp device	Shoulderbox with contra probe	Contralateral headset DD45C	Eartip box with eartips	Carrying case	
	<p><b>Optional Accessories/ Software</b></p>					
		Cradle	Wireless thermal printer	MAICO Sessions PC Software	OtoAccess® Database	Noah Database

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