

# easyTymp - Handheld Screening Tympanometer with Reflex Tests



- Very fast and reliable Impedance measurement
- Probe tone 226 Hz, optional high frequency probe tone 1 kHz
- 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

# 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 impedance and ipsilateral reflex tests within seconds.

The intensity of the four frequencies of the reflex test is increased automatically until a reflex is detected or the maximum is reached.

## Select 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.

## Optional high frequency tympanometry

The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns and young children. Available test protocols: Tympanometry with 1 kHz; Tympanometry and Auto Reflex or Tympanometry with Reflex at 80 dB WB.

## easyTymp cradle

The easyTymp cradle serves as a docking station and re-charger. It is available as a version with ear tip box or integrated printer.

## Extensive Storage

The internal memory of the easyTymp stores more than 1000 measurements. With the optional impedance software data can also be transferred to a PC.

## Standard Accessories

easyTymp handheld unit; with Probe tip;  
Probe Tip replacement; rechargeable battery;  
Power supply unit for easyTymp handheld unit;  
Eartip box with eartips; Calibration cavity;  
Carrying case

## Additional Accessories

MAICO-Impedance Software  
External Probe (35 cm)  
License for high frequency probe tone of 1 kHz  
Cradle with integrated ear tip box, power supply unit and additional rechargeable battery  
Cradle with integrated printer, power supply unit and additional rechargeable battery  
Wall Mount Kit for cradle



easyTymp with cradle and eartip box

## Technical Data

### Tympanometer

Probe frequency, -intensity	226 Hz $\pm$ 1%, 69 dB <sub>HL</sub> in 2 cm <sup>3</sup>
Optional	1000 Hz $\pm$ 1%, 69 dB <sub>HL</sub> in 2 cm <sup>3</sup>
Pressure range	+ 200 bis - 400 daPa
Volume range	0,1 bis 8,0 ml
Accuracy	$\pm$ 5% bzw. $\pm$ 10 daPa
Test time	< 3 seconds

### Reflex Mode

Test frequencies	500, 1000, 2000, 4000 Hz $\pm$ 3%
Test Method	ipsilateral
Intensities ipsilateral	70 ... 100 dB <sub>HV</sub>
Intensity setting	automatic or single intensity

### Test protocols

	Tymp 226 Hz; Tymp 226 Hz + Auto Reflex; Tymp 226 Hz + Reflex 90 dB additional Tymp 1 kHz; Tymp 1 kHz + Auto Reflex; Tymp 1 kHz + Reflex 80 dB WB
Opt. High Frequency	

### easyTymp

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

### Cradle

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

### Optional external Probe

	Probe with status lights
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### Optional Printer

	4 InchThermo printer
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### Medical CE-mark

	TÜV – identification no. 0123
	IEC 60601-1, Class II, Type B
	IEC 60601-1-2
	IEC 60645-5

Specifications are subject to change without notice



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