

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. With the impedance software, data can also be transferred to a PC.

easyTymp Version Cradle

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

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



Technical Data

TYMPANOMETRY

Probe Frequency	226 Hz ± 1%, 85 dB _{SPL} ± 1.5 dB
Optional High Frequency	1 kHz ± 1%, 69 dB _{SPL} ± 1.5 dB
Pressure Range	-400 to +200 daPa
Accuracy of Pressure	± 5% or ± 10 daPa
Volume Range	0.1 to 6.0 ml (compensated)
Compliance Range	0.1 to 8.0 ml at 226 Hz 0.1 to 15.0 mmho at 1 kHz (option)
Accuracy of Volumen	± 5 % or 0.1 ml
Test Time Measurement	< 6 seconds

ACOUSTIC REFLEXES

Test Frequencies	0.5, 1, 2, 4 kHz ± 3%
Test Noise	BB (option)
Test Method	Ipsilateral
Level	70 to 100 dB _{HL}
Level Setting	Automatic or single intensity

DEVICE GENERAL

Memory	1 curve per ear and test
Storage	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions / Weight	W 80 x D 300 x H 70 mm / 427 g
Battery	NP120 Li-Ion 3.7 V-1700 mAh
Language	English, German, Spanish, French, Italian, Polish, Russian, Chinese, Japanese

OPTIONAL CRADLE

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

OPTIONAL PRINTER

Type	2 inch thermal dot matrix
Dimensions	W 76 x D 100 x H 44 mm
Weight	197 g
Battery	2 cell Li-Ion 7.4 V-1500 mAh
Power	100 - 240 VAC, 50/60 Hz
Data Transfer	Wireless

STANDARDS

IEC 60601-1, Class II, Type B
 IEC 60601-1-2, IEC 60645-5
 Type 2/ ANSI S3.39, Type 2
 according to medical directive 93/42/EEC



STANDARD COMPONENTS

easyTymp handheld unit with rechargeable battery, probe tip replacement, power supply unit, eartip box with eartips and eartip removal-tool, calibration cavity, carrying case, MAICO software

OPTIONAL ACCESSORIES

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, power supply for easyTymp handheld unit, wall mount kit for cradle

SANIBEL



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

Specifications are subject to change without notice.

<div style="background-color: #92d050; padding: 10px; text-align: center; color: white; font-weight: bold;">Standard Components</div>						
	easyTymp device	Probe tip	Eartip box with eartips	Carrying case	MAICO Software	
	<div style="background-color: #a6b8c8; padding: 10px; text-align: center; color: white; font-weight: bold;">Optional Accessories</div>					
		Extension cable	Cradle	Wireless thermal printer		

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