

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 ipsilateral reflex tests within seconds. The intensity of the four frequencies of the ipsilateral 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. The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns.

easyTymp Cradle

The easyTymp cradle serves as a docking station and recharger 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
- 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; with the impedance software data can also be transferred to a PC



Technical Data

TYMPANOMETRY MODE easyTymp

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

REFLEX MODE

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

TEST PROTOCOLS

Tymp 226 Hz;
 Tymp 226 Hz + Auto Reflex;
 Tymp 226 Hz + Reflex 90 dB

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	80 x 300 x 70 mm / 427 g

CRADLE

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

OPTIONAL PRINTER

Type	2 inch thermal printer 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, probe tip and probe tip replacement, power supply unit, eartip box with eartips and eartip removal-tool, calibration cavity, carrying case, impedance software

OPTIONAL ACCESSORIES

External probe (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.

Standard Components						
	easyTymp handheld unit	Probe tip	Eartip box with eartips	Impedance Software	Carrying case	
	Optional Accessories					
		External probe	Cradle	Thermal printer		

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