

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.

easyTymp Cradle

The easyTymp™ cradle serves as a docking station and recharger. It is available as a version with eartip box or integrated printer.

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
- Optional high frequency tympanometry



Technical Data

TYMPANOMETRY MODE easyTymp™

Probe Frequency	226 Hz ± 1%, 85 dB _{SPL} in 2 cm ³ 1000 Hz ± 1%, 85 dB _{SPL} in 2 cm ³
Pressure Range	+ 200 to - 400 daPa
Volume Range	0.1 to 8.0 ml
Accuracy	± 5% or ± 10 daPa
Test Time	< 3 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

PRINTER OPTIONAL 4 inch thermal printer

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
- 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 with integrated eartip box, power supply unit and additional rechargeable battery
- Cradle with integrated printer, power supply unit and additional rechargeable battery
- Power supply for easyTymp handheld unit
- Wall mount kit for cradle

SANIBEL

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 with printer



Cradle with eartip box

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