

easyTymp™ Pro Version Handheld Middle Ear Analyzer

The easyTymp Pro is the ideal handheld device for middle ear analyzing. It performs reliable impedance measurements within seconds.

Test Protocols

All available test protocols can be easily selected with one hand.

Available test protocols: tympanometry with 226 Hz; ipsilateral and contralateral reflexes (automatic or single intensity), reflex decay measurements and eustachian tube testing (ETF).

The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns.

easyTymp™ Pro Cradle

The easyTymp Pro cradle serves as a docking station and recharger.

It is available as a version with eartip box or integrated printer.

Extensive Storage

Internal memory with storage of 1000 measurements.

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

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 (ipsilateral and contralateral)
- Reflex decay testing (ipsilateral and contralateral)
- Eustachian tube function (ETF) test for intact and perforated eardrums
- Automatic tests
- Full color, high resolution display
- Stores more than 1000 measurements



Technical Data

TYMPANOMETRY MODE

Probe Frequency	226 Hz ± 1%, 69 dB HL 1000 Hz ± 1%, 69 dB HL + 200 to - 400 daPa
Pressure Range	
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 and contralateral
Intensities Reflexes	70 ... 100 dB HL
Intensity Settings	Automatic or single intensity

REFLEX DECAY MODE

Test Frequencies	500, 1000, 2000, 4000 Hz ± 3%
Test Time	10 sec. auto tone presentation
Test Method	Ipsilateral and contralateral

ETF NON PERFORATED

Pressure Range	+ 200 to - 400 daPa
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ETF PERFORATED

Probe Frequency	226 Hz ± 1%, 69 dB HL
Test Time	30 sec. auto tone presentation

OPT. HIGH FREQUENCY

Tymp 1 kHz;
Tymp 1 kHz + Auto Reflex;
Tymp 1 kHz + Reflex 80 dB BB

STANDARDS

Safety IEC 60601-1, Class II, Type B
EMC IEC 60601-1-2
Impedence IEC 60645-5/ANSI S3.39

GENERAL

Memory	1 curve per ear and test
Storage	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions / Weight	8 x 30 x 7 cm / 15 oz

CRADLE

Dimensions	15 x 29.5 x 11 cm
Power	100 - 240 VAC, 50/60 Hz

STANDARD ACCESSORIES

- easyTymp Pro handheld unit, Probe, Diagnostic Probe (length 140 cm)
- Cradle with or without printer
- Contralateral earphone CIR55
- Probe tip replacement
- Power supply
- Rechargeable battery
- Box of single use eartips
- Calibration cavity
- Impedance software
- Operations manual

OPTIONAL ACCESSORIES

- External probe with cable (length 35 cm)
- 4 inch thermal printer
- Carrying case
- Contralateral headphone DD45C
- License for high frequency probe tone of 1 kHz
- Wall mount kit for docking station

SANIBEL



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

Specifications are subject to change without notice.

Accessories



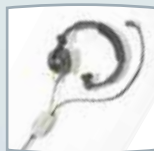
Contra probe



easyTymp Pro device with cradle



Eartips



DD45 contralateral headset



Insert Phone contralateral earphones



CIR55 contralateral earphone



easyTymp Pro with printer

easyTymp™ Pro used on a patient



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ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.