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 ipsilateral 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 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
- 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
Accuracy of Volume ± 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 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

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

STDARDS 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

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SANIBEL

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

Specifications are subject to change without notice.