easyTymp
Handheld Middle Ear Analyzer – Pro Version

The device has been enhanced to include diagnostic testing capabilities

Test Protocols
All available test protocols can be easily selected with one hand. Available test protocols: tympanometry with 226 Hz; ipsi- 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 infants.

Extensive Storage
The internal memory of the easyTymp Pro Version stores more than 1000 measurements. With the impedance software, data can also be transferred to a PC.

easyTymp Pro 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
- Reflex frequencies 500 Hz, 1 kHz, 2 kHz, 4 kHz (ipsi- and contralateral)
- Reflex decay testing (ipsi- and contralateral)
- Eustachian tube function (ETF) test for intact and perforated eardrums
- 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 dBSPL in 2 cm³
High Frequency 1000 Hz ± 1%, 69 dBSPL in 2 cm³
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

ACOUSTIC REFLEXES
Test Frequencies 500, 1000, 2000, 4000 Hz ± 3%
Test Method Ipsi- and contralateral
Intensities Reflexes 70 to 100 dBHL
Intensity Settings Automatic or single intensity

AUXILIARY REFLEX DECAY
Test Frequencies 500, 1000, 2000, 4000 Hz ± 3%
Test Time 10 sec. auto tone presentation
Test Method Ipsi- and contralateral
Intensity Reflexes Ipsilateral 70 -110 dBHL
Contralateral 70 - 120 dBHL

ETF NON PERFORATED
Pressure Range -400 to +200 daPa

ETF PERFORATED
Probe Frequency 226 Hz ± 1%, 85 dBSPL in 2 cm³
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

GENERAL
Memory 1 curve per ear and test
Storage > 1000 measurements
Display Full color graphic LCD-Display
Dimensions/ Weight W x D x H: 80 x 300 x 70 mm / 427 g

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

OPTIONAL PRINTER
Type 2 inch 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 Pro version handheld unit, diagnostic probe (length 140 cm),
contralateral earphone CIR55, probe tip replacement, rechargeable battery,
power supply unit for handheld unit, eartip box with eartips, test cavity,
carrying case, impedance software

OPTIONAL ACCESSORIES
Contralateral headphone DD45C, license for high frequency probe tone
of 1 kHz, cradle, power supply unit and additional rechargeable battery,
wireless thermal printer, wall mount kit for docking station

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

Specifications are subject to change without notice.