easyTymp™/easyTymp™ Pro version

Handheld Middle Ear Analyzer

Optional High Frequency Tympanometry

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

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™ Cradle

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

Screening Application

easyTymp™ at a Glance

- Very fast and reliable impedance measurements
- Automatic tests
- Full color, high resolution display
- Stores more than 1000 measurements
- Docking station with integrated eartip box or integrated printer
- NOAH compatible software

Fast Middle Ear Measurements

easyTymp is the convenient choice for professionals to perform tympanometry and acoustic reflexes.

Automated Acoustic Reflex Testing

The intensity of the four frequencies of the reflex test is increased automatically until a reflex is detected or the maximum level is reached.

Select Protocol

All available test protocols can be easily selected with one hand. Standard protocols: Tympanometry with 226 Hz; ipsilateral reflexes with automatic threshold detection or with fixed levels.

easyTymp™ Pro version
Diagnostic Applications

easyTymp Pro takes the speed and ease of our impedance screener
and adds useful diagnostic test functions.

Additional Features

easyTymp Pro enables contralateral acoustic reflex measurements,
reflex decay and eustachian tube function testing.

	Protocols easyTymp™	Protocols easyTymp™ Pro version
226 Hz Standard Impedance	• 226 Hz tympanometry • Automated ipsilateral reflex tests* • Ipsilateral reflex tests at 90 dB SPL*	• Includes all standard easyTymp protocols
		• Automated contralateral reflex tests* • Contralateral reflex tests at 90 dB SPL* • Ipsi- and contralateral acoustic reflex decay* • Eustachian tube function intact and perforated
1 kHz Optional Impedance	• 1 kHz tympanometry • Automated ipsilateral reflex tests* • Ipsilateral reflex tests at 80 dB SPL broadband noise	• Includes all optional easyTymp protocols
		• Automated contralateral reflex tests* • Contralateral reflex tests at 80 dB SPL broadband noise

* Standard frequencies: 500 Hz, 1 kHz, 2 kHz, 4 kHz

Specifications

TYMPANOMETRY MODE
Probe frequency, -intensity	226 Hz ± 1%, 69 dB HL
Optional	1000 Hz ± 1%, 69 dB HL
Pressure range	-400 to +200 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 ... 100 dB HL
Intensity setting	Automatic or single intensity

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
Internal Memory	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions / Weight	W x D x H: 8 x 30 x 7 cm / 15oz

CRADLE
Dimensions	W x D x H: 15 x 29.5 x 11 cm
Power	100 - 240 VAC, 50/60 Hz

OPTIONAL PRINTER
4 Inch thermal printer

STANDARDS
IEC 60601-1, Class II, Type B
IEC 60601-1-2
IEC 60645-5

Additional Specifications easyTymp™ Pro version

REFLEX MODE
Test Method	Ipsilateral and contralateral

REFLEX DECAY MODE
Test Time	0 to 12 seconds
Test Method	Ipsilateral and contralateral

ETF INTACT
Pressure Range	-400 to +200 daPa

ETF PERFORATED
Probe frequency	226 Hz ± 1%
Test Time	0-30 sec. auto tone present

Accessories

easyTymp™ cradle with eartipbox

easyTymp™ Pro with printer

eartips – Use only Sanibel disposables to achieve optimal test results
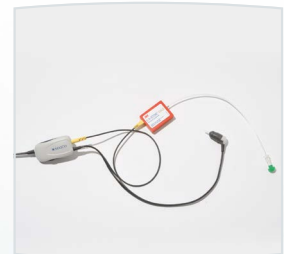

CIR55 (contralateral earphone)

Carry Case

Contra probe with DD45 contralateral headset

Contra probe

Contra probe with insert ear phones contralateral earphone

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![Sanibel™]