



easyTymp™/easyTymp™ Pro

**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.

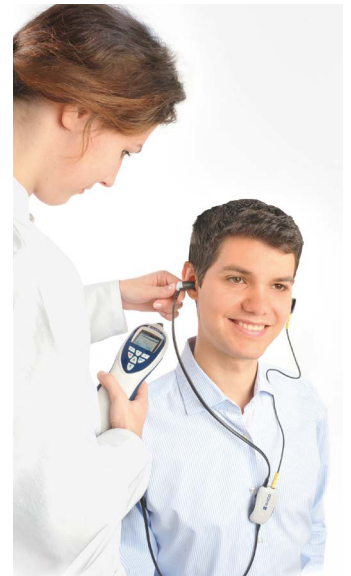
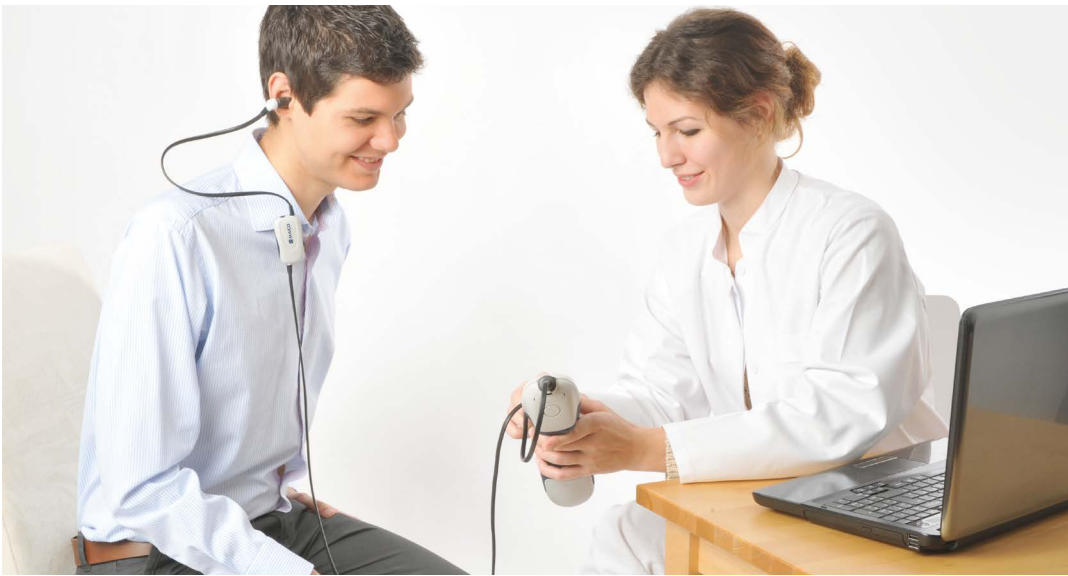
### Automated Acoustic Reflex Testing

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 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
226 Hz Standard Impedance	<ul style="list-style-type: none"> <li>• 226 Hz tympanometry</li> <li>• Automated ipsilateral reflex tests*</li> <li>• Ipsilateral reflex tests at 90 dB SPL*</li> </ul>	<ul style="list-style-type: none"> <li>• Includes all standard easyTymp protocols</li> </ul>
		<ul style="list-style-type: none"> <li>• Automated contralateral reflex tests*</li> <li>• Contralateral reflex tests at 90 dB SPL*</li> <li>• Ipsi- and contralateral acoustic reflex decay*</li> <li>• Eustachian tube function intact and perforated</li> </ul>
1 kHz Optional Impedance	<ul style="list-style-type: none"> <li>• 1 kHz tympanometry</li> <li>• Automated ipsilateral reflex tests*</li> <li>• Ipsilateral reflex tests at 80 dB SPL broadband noise</li> </ul>	<ul style="list-style-type: none"> <li>• Includes all optional easyTymp protocols</li> </ul>
		<ul style="list-style-type: none"> <li>• Automated contralateral reflex tests*</li> <li>• Contralateral reflex tests at 80 dB SPL broadband noise</li> </ul>

\* 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

### REFLEX MODE

Test Method	Ipsilateral and contralateral
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### REFLEX DECAY MODE

Test Time	0 to 12 seconds
Test Method	Ipsilateral and contralateral

### ETF INTACT

Pressure Range	-400 to +200 daPa
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### 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)



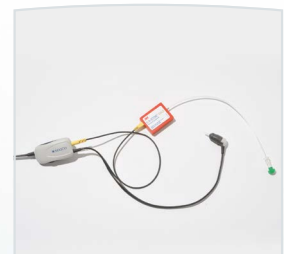
Carry Case



Contra probe with DD45 contralateral headset



Contra probe



Contra probe with EAR Tone 3A contralateral earphone



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