

## easyTymp™

### Handheld Middle Ear Analyzer – Plus Version

The easyTymp™ now comes with a Plus

#### Very Fast Middle Ear Measurements

The easyTymp™ is the ideal handheld device for middle ear screening tests. It performs reliable tympanometry as well as ipsi- and contralateral reflex tests within seconds.

#### Test Protocols

All available test protocols can be easily selected with one hand. Available test protocols: tympanometry with 226 Hz and ipsi- and contralateral reflexes (automatic or single intensity). The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing newborns.

#### easyTymp™ Plus Version Cradle

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

#### Extensive Storage

The internal memory of the easyTymp™ Plus Version stores more than 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 (ipsi- and contralateral)
- Automatic tests – self-explanatory to use
- Full color, high resolution display
- Stores more than 1000 measurements



# Technical Data

## TYMPANOMETRY MODE **easyTymp™ Plus Version**

<b>Probe Frequency</b>	226 Hz ± 1%, 69 dB <sub>HL</sub> in 2 cm <sup>3</sup> 1000 Hz ± 1%, 69 dB <sub>HL</sub> in 2 cm <sup>3</sup>
<b>Pressure Range</b>	+ 200 to - 400 daPa
<b>Volume Range</b>	0.1 to 8.0 ml
<b>Accuracy</b>	± 5% or ± 10 daPa
<b>Test Time</b>	< 3 seconds

## REFLEX MODE

<b>Test Frequencies</b>	500, 1000, 2000, 4000 Hz ± 3%
<b>Test Method</b>	Ipsi- and contralateral
<b>Intensities Reflexes</b>	70 to 100 dB <sub>HL</sub>
<b>Intensity Settings</b>	Automatic or single intensity

<b>OPT. HIGH FREQUENCY</b>	Tymp 1 kHz; Tymp 1 kHz + Auto Reflex; Tymp 1 kHz + Reflex 80 dB BB
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## GENERAL

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

## CRADLE

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

<b>OPTIONAL PRINTER</b>	4 inch thermal printer
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## 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™ Plus Version handheld unit, Probe, Contra 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

- External probe with cable (length 35 cm)
- Contralateral headphone DD45C
- License for high frequency probe tone of 1 kHz
- Cradle with integrated eartip box, power supply unit and additional rechargeable battery
- Cradle with integrated printer, power supply unit and additional rechargeable battery
- 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.

Standard Components			
	easyTymp™ device	easyTymp™ probe	contra probe
Optional Accessories			
	easyTymp™ cradle with eartip box	easyTymp cradle with printer	

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