

# easyTymp™ Handheld Middle Ear Analyzer – Plus Version

The easyTymp™ now comes with a Plus

## **Very Fast Middle Ear Measurements**

The easyTymp<sup>™</sup> 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

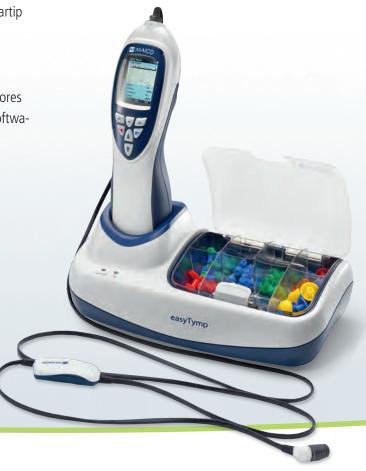
The easyTymp™ Plus Version cradle serves as a docking station and recharger. It is available as a version with eartip box or integrated printer.

# **Extensive Storage**

The internal memory of the easyTymp<sup>™</sup> 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

**Probe Frequency** 226 Hz  $\pm$  1%, 69 dB $_{\rm HI}$  in 2 cm $^{3}$ 

1000 Hz  $\pm$  1%, 69 dB $_{\rm HI}$  in 2 cm $^{3}$ 

**Pressure Range** + 200 to - 400 daPa **Volume Range** 0.1 to 8.0 ml **Accuracy**  $\pm$  5% or  $\pm$  10 daPa

**Test Time** < 3 seconds

#### **REFLEX MODE**

**Test Frequencies** 500, 1000, 2000, 4000 Hz  $\pm$  3%

**Test Method** Ipsi- and contralateral **Intensities Reflexes** 70 to 100 dB<sub>HI</sub>

**Intensity Settings** 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 > 1000 measurements Storage Full color graphic LCD-Display Display **Dimensions / Weight** W x D x H: 80 x 300 x 70 mm / 427 g

**CRADLE** 

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

**OPTIONAL PRINTER** 4 inch thermal printer



 $easyTymp^{TM}$ device



easyTymp™ probe



contra probe



easyTymp<sup>TM</sup> cradle with eartip box



easyTymp cradle with printer

**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. Sani̇́bel™

Specifications are subject to change without notice.

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