

# easyTymp

## Handheld Screening Tympanometer

### Features at a Glance

- Very fast and reliable impedance measurements
- Probe tone 226 Hz, optional high frequency probe tone 1 kHz
- Ipsilateral reflex frequencies 500 Hz, 1 kHz, 2 kHz, 4 kHz
- Automatic tests – self-explanatory to use
- Full color, high resolution display
- Data is transferable to PC

### Very Fast Middle Ear Measurements

The easyTymp is the ideal handheld device for middle ear screening tests. It performs reliable tympanometry and ipsilateral reflex tests within seconds. The ipsilateral reflex test intensity is increased automatically until a reflex is detected or the maximum is reached for all four frequencies.

### Model options for the easyTymp

Choose the easytymp model that best suits your needs. The easytymp with ear tip cradle is ideal for use in an office environment requiring a compact footprint that charges, transfers data and holds the ear tip kit all in one location. The easytymp with small carry case (no cradle) is very practical for portability. Both models are available with optional wireless printer and high frequency.

### Test Protocols

All available test protocols can be easily selected with one hand. Available test protocols: Tympanometry with 226 Hz, Tympanometry and Auto Reflex or Tympanometry with Reflex at 90 dB. The optional high frequency probe tone of 1 kHz is ideal for providing reliable results when testing infants.

### Extensive Storage

Multiple storage options with MAICO PC software or internal memory allow for easy patient management. Device can store more than 1000 measurements or can transfer results to a PC allowing long term storage, full page printout and PDF for EMR integration.



## Technical Data

### TYMPANOMETRY

<b>Probe Frequency</b>	226 Hz $\pm$ 1%, 85 dB <sub>SPL</sub>
<b>Optional</b>	1000 Hz $\pm$ 1%, 69 dB <sub>SPL</sub>
<b>Pressure Range</b>	- 400 to 200 daPa
<b>Pressure Accuracy</b>	$\pm$ 5% or $\pm$ 10 daPa
<b>Volume Range</b>	0.0 to 6.0 ml (compensated)
<b>Compliance Range</b>	0.1 to 8.0 ml at 226 Hz 0.1 to 15 mmho at 1000 Hz
<b>Test Time</b>	< 6 seconds

### ACOUSTIC REFLEXES

<b>Test Frequencies</b>	500, 1000, 2000, 4000 Hz $\pm$ 3% accuracy
<b>Test Method</b>	Ipsilateral
<b>Intensities Reflexes</b>	70 to 100 dB <sub>HL</sub>
<b>Intensity Settings</b>	Automatic or single intensity

### 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</b>	4" W x 15" D x 4" H
<b>Weight</b>	15 oz
<b>Battery</b>	NP120 Li-Ion 3.7 V-1700 mAh

### OPTIONAL CRADLE

<b>Dimensions</b>	12" W x 6" D x 4.5" H
<b>Power</b>	100-240 VAC, 50/60 Hz

### OPTIONAL PRINTER

<b>Type</b>	2" thermal dot matrix
<b>Dimensions</b>	1.75" W x 4" D x 3" H
<b>Weight</b>	6.9 oz
<b>Battery</b>	2 cell Li-Ion 7.4 V-1500 mAh
<b>Power</b>	100-240 VAC, 50/60 Hz
<b>Data Transfer</b>	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 handheld unit with rechargeable battery
- Power supply
- Eartip kit
- Calibration cavity
- USB cable
- MAICO PC software

### ACCESSORIES\*

- License for high frequency probe tone of 1 kHz
- Eartip cradle with additional rechargeable battery
- Wireless thermal printer
- Wall mount kit for cradle
- 55" probe extension
- Carry case

\*Dependent upon model

Specifications are subject to change without notice.



easyTymp



Eartip kit



MAICO PC software



55" probe extension



Eartip cradle



Thermal printer



Carrying case

