MAICO

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

Probe Frequency	226 Hz ± 1%, 85 dB$_{SPL}$
Optional	1000 Hz ± 1%, 69 dB$_{SPL}$
Pressure Range	- 400 to +200 daPa
Pressure Accuracy	± 5% or ± 10 daPa
Volume Range	0.0 to 6.0 ml (compensated)
Compliance Range	0.1 to 8.0 ml at 226 Hz
	0.1 to 15 mmho at 1000 Hz
Test Time	< 6 seconds

ACOUSTIC REFLEXES

Test Frequencies	500, 1000, 2000, 4000 Hz ± 3%
Test Method	Ipsilateral
Intensities Reflexes	70 to 100 dB$_{HL}$
Intensity Settings	Automatic or single intensity

GENERAL

Memory	1 curve per ear and test
Storage	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions	3 in x 12 in x 3 in
Weight	15 oz
Battery	NP120 Li-Ion 3.7 V-1700 mAh

OPTIONAL CRADLE

Dimensions	12 in x 6 in x 4.5 in
Power	100-240 VAC, 50/60 Hz

OPTIONAL PRINTER

Type	2" thermal dot matrix
Dimensions	1.75 in x 4 in x 3 in
Weight	6.9 oz
Battery	2 cell Li-Ion 7.4 V-1500 mAh
Power	100-240 VAC, 50/60 Hz
Data Transfer	Wireless

STANDARDS	IEC 60601-1, Class II, Type B
	IEC 60601-1-2
	IEC 60645-5, Type 2
	ANSI S3.39, Type 2

CE 0123

STANDARD COMPONENTS

- easyTymp handheld unit with rechargeable battery
- Power supply
- Ear tip kit
- Test 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" shoulder box
- Carry case

*Dependent upon model

Specifications are subject to change without notice.

Standard Components

easyTymp

Ear tip kit

MAICO PC software

Accessories

55" shoulder box

Eartip cradle

Thermal printer

Carrying case

Sanibel Supply

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