easyTymp Basic Version

TYMPANOMETRY

Probe frequency, -intensity Optional Pressure range Volume range Accuracy

ACOUSTIC REFLEXES

Test frequencies Test Method Intensities Reflexes Intensity setting

OPT. HIGH FREQUENCY

GENERAL Memory Internal Memory

Display **Dimensions / Weight**

OPTIONAL CRADLE

MEDICAL CE-MARK

STANDARDS

226 Hz \pm 1%, 85 dB $_{SPL}$ in 2 cm 3 1000 Hz \pm 1%, 69 dB $_{col}$ in 2 cm³

- 400 to + 200 daPa 0.1 to 8.0 ml at 226 Hz \pm 5% or \pm 10 daPa < 3 seconds

Test time

500, 1000, 2000, 4000 Hz ± 3% Ipsilateral 70 to 100 dB HL

Automatic or single intensity

Tymp 1 kHz;

Tymp 1 kHz + auto reflex; Tymp 1 kHz + BB reflex 80 dB SPL

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

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

OPTIONAL PRINTER 2 inch thermal dot matrix printer TÜV – Identification No. 0123

> IEC 60601-1, Class II, Type B IEC 60601-1-2, IEC 60645-5 according to medical device

directive 93/42EEC

Additional Specifications easyTymp Plus Version

ACOUSTIC REFLEXES

Test Method Contralateral

easyTymp Pro Version

ACOUSTIC REFLEXES

Test Method Contralateral

REFLEX DECAY

Test Time Test Method

10 sec. auto tone present Ipsilateral- and contralateral

- 400 to + 200 daPa

ETF NON PERFORATED

Pressure Range

ETF PERFORATED

Probe frequency Test Time

226 Hz ± 1% 30 sec. auto tone present

Specifications are subject to change without notice



easyTymp with long probe





Eartip box with eartips -Use only Sanibel disposables to achieve optimal test results



Carrying case



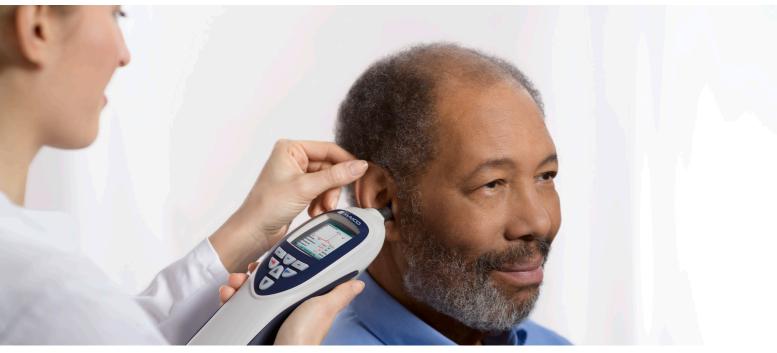
MAICO Diagnostics GmbH

Sickingenstr. 70-71 · 10553 Berlin · Germany Tel.: +49 30 / 70 71 46-50 · Fax: -99 sales@maico.biz · www.maico.biz











- Very fast and reliable impedance measurements
- Automatic tests self-explanatory to use
- Full color, high resolution display
- Stores more than 1000 measurements
- NOAH compatible software
- Optional wireless printer

Very fast Middle Ear Measurements

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

easyTymp Plus and Pro Version

The easyTymp Plus and Pro Versions take the speed and ease of our impedance screener and add useful diagnostic test functions. Both enable contralateral acoustic reflex measurements with an extra long Contra Probe.







The easyTymp desktop station serves as a docking station and recharger and allows to insert the eartipbox.

Test Protocols & Storage

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

The internal memory of the easyTymp stores more than 1000 measurements. With the impedance software, data can also be transferred to a PC.

Protocols	easyTymp Basic Version	easyTymp Plus Version	easyTymp Pro Version
Standard License	✓ 226 Hz tympanometry ✓ Automated ipsilateral reflex tests* ✓ Ipsilateral reflex tests at 90 dB SPL*	✓ All standard easyTymp protocols	✓ All standard easyTymp protocols
		✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL*	 ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL* ✓ lpsi- and contralateral acoustic reflex decay* ✓ Eustachian tube function perforated and non perforated
Acoustic Reflex	 ✓ 1 kHz tympanometry ✓ Automated ipsilateral reflex tests* ✓ Ipsilateral reflex tests at 90 dB SPL with broadband noise 	✓ All optional easyTymp protocols	✓ All optional easyTymp protocols
		 ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL with broadband noise 	 ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL with broadband noise

^{*} Standard frequencies: 500 Hz, 1 kHz, 2 kHz, 4 kHz