easyTymp Basic Version

TYMPANOMETRY
Probe frequency, -intensity 226 Hz ± 1%, 85 dB SPL in 2 cm³
Optional Pressure range 300 Hz to 100 dB HL
Volume range 0.1 to 8.0 ml at 226 Hz
Accuracy ± 5% or ± 10 daPa
Test time < 3 seconds

ACOUSTIC REFLEXES
Test frequencies 100 Hz, 2000 Hz ± 1%, 69 dB SPL in 2 cm³
Test Method Ipsilateral
Intensities Reflexes 70 to 100 dB HL
Intensity setting Automatic or single intensity

OPT. HIGH FREQUENCY
Test frequencies 1000 Hz ± 1%, 69 dB SPL in 2 cm³
Test Method Ipsilateral

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

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

OPTIONAL PRINTER
2 inch thermal dot matrix printer

MEDICAL CE-MARK
TÜV – Identification No. 0123
STANDARDS
IEC 60601-1, Class II, Type B
IEC 60601-1-2, IEC 60645-5
according to medical device directive 93/42EEC
Specifications are subject to change without notice

easyTymp Plus Version

TYMPANOMETRY
Probe frequency, -intensity 226 Hz ± 1%, 85 dB SPL in 2 cm³
Optional Pressure range - 400 to + 200 daPa
Volume range 0.1 to 8.0 ml at 226 Hz
Accuracy ± 5% or ± 10 daPa
Test time < 3 seconds

ACOUSTIC REFLEXES
Test frequencies 100 Hz, 1000 Hz, 2000, 4000 Hz ± 3%
Test Method Ipsilateral
Intensities Reflexes 70 to 100 dB HL
Intensity setting Automatic or single intensity

ACOUSTIC REFLEXES
Test frequencies 100 Hz, 1000 Hz, 2000, 4000 Hz ± 3%
Test Method Ipsilateral
Intensities Reflexes 70 to 100 dB HL
Intensity setting Automatic or single intensity

OPT. HIGH FREQUENCY
Test frequencies 1000 Hz ± 1%, 69 dB SPL in 2 cm³
Test Method Ipsilateral

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

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

OPTIONAL PRINTER
2 inch thermal dot matrix printer

MEDICAL CE-MARK
TÜV – Identification No. 0123
STANDARDS
IEC 60601-1, Class II, Type B
IEC 60601-1-2, IEC 60645-5
according to medical device directive 93/42EEC
Specifications are subject to change without notice

easyTymp Pro Version

ACOUSTIC REFLEXES
Test Method Contralateral

ACOUSTIC REFLEXES
Test Method Contralateral

REFLEX DECAY
Test Method Ipsilateral
Test Time 10 sec., auto tone present

ETF NON PERFORATED
Pressure Range - 400 to + 200 daPa
Test Time 30 sec., auto tone present

ETF PERFORATED
Pressure Range - 400 to + 200 daPa
Probe frequency 226 Hz ± 1%
Test Time 30 sec., auto tone present

Specifications are subject to change without notice

easyTymp
Handheld Middle Ear Analyzers
easyTymp at a Glance

- 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 ipsilateral 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.

easyTymp Desktop Station

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, ipsi- and 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.

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* Standard frequencies: 500 Hz, 1 kHz, 2 kHz, 4 kHz