

easyTymp Basic Version

TYMPANOMETRY

Probe frequency, -intensity	226 Hz ± 1%, 85 dB _{SPL} in 2 cm ³
Optional	1000 Hz ± 1%, 69 dB _{SPL} in 2 cm ³
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	500, 1000, 2000, 4000 Hz ± 3%
Test Method	Ipsilateral
Intensities Reflexes	70 to 100 dB HL
Intensity setting	Automatic or single intensity

OPT. HIGH FREQUENCY

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

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

Additional Specifications easyTymp Plus Version

ACOUSTIC REFLEXES

Test Method	Contralateral
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easyTymp Pro Version

ACOUSTIC REFLEXES

Test Method	Contralateral
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REFLEX DECAY

Test Time	10 sec. auto tone present
Test Method	Ipsilateral- and contralateral

ETF NON PERFORATED

Pressure Range	- 400 to + 200 daPa
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ETF PERFORATED

Probe frequency	226 Hz ± 1%
Test Time	30 sec. auto tone present

Specifications are subject to change without notice



easyTymp with long probe



Shoulderbox



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



Carrying case



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10/2018

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



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.

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.



Protocols	easyTymp Basic Version	easyTymp Plus Version	easyTymp Pro Version
Standard License	<ul style="list-style-type: none"> ✓ 226 Hz tympanometry ✓ Automated ipsilateral reflex tests* ✓ Ipsilateral reflex tests at 90 dB SPL* 	<ul style="list-style-type: none"> ✓ All standard easyTymp protocols ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL* 	<ul style="list-style-type: none"> ✓ All standard easyTymp protocols ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL* ✓ Ipsi- and contralateral acoustic reflex decay* ✓ Eustachian tube function perforated and non perforated
Acoustic Reflex	<ul style="list-style-type: none"> ✓ 1 kHz tympanometry ✓ Automated ipsilateral reflex tests* ✓ Ipsilateral reflex tests at 90 dB SPL with broadband noise 	<ul style="list-style-type: none"> ✓ All optional easyTymp protocols ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL with broadband noise 	<ul style="list-style-type: none"> ✓ All optional easyTymp protocols ✓ Automated contralateral reflex tests* ✓ Contralateral reflex tests at 90 dB SPL with broadband noise

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

