

easyTymp

Handheld Screening Tympanometer with Reflex Tests

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 ipsilateral reflex test is increased automatically until a reflex is detected or the maximum for all four frequencies is reached.

Test Protocol

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

The internal memory of the easyTymp stores more than 1000 measurements.

easyTymp Cradle

The optional cradle serves as a docking station and recharger and is ready to insert the eartipbox.

Compatible to Sessions: Get Ready for Fast Data Transfer!

Use the easyTymp with our intuitive data transfer solution Sessions, for easy management and visualization of your tympanograms.

Features at a Glance

- Very fast and reliable middle ear 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
- Stores more than 1000 measurements
- Optional thermal printer
- Optional MAICO Sessions PC Software connectable with OtoAccess® or Noah patient database for easy data management



Technical Data

TYMPANOMETRY

| | |
|-------------------------|---|
| Probe Frequency | 226 Hz, 85 dB SPL |
| Optional High Frequency | 1 kHz, 69 dB SPL |
| Pressure Range | -400 daPa to +200 daPa |
| Volume Range | 0.0 ml to 6.0 ml (compensated) |
| Compliance Range | 0.1 ml to 8.0 ml at 226 Hz 0.1 ml to 15.0 mmho at 1 kHz (optional) |
| Test Time | < 6 seconds |

ACOUSTIC REFLEXES

| | |
|------------------|-----------------------------|
| Test Frequencies | 0,5; 1; 2; 4 kHz |
| Test Noise | Broad-band noise (optional) |
| Test Method | Ipsilateral |
| Level | 70 dB HL to 100 dB HL |
| Level Settings | Automatic, fixed |

DEVICE GENERAL

| | |
|------------|---|
| Memory | 1 curve per ear and test |
| Storage | > 1000 measurements |
| Display | Full color graphic LCD-Display |
| Dimensions | W x D x H: 8 cm x 30 cm x 7 cm |
| Weight | 427 g |
| Battery | NP120 Li-Ion 3.7 V-1700 mAh |
| Language | English, Chinese, French, German, Italian, Japanese, Polish, Russian, Spanish, Swedish |

OPTIONAL CRADLE

| | |
|------------|------------------------------------|
| Dimensions | W x D x H: 15 cm x 29.5 cm x 11 cm |
| Power | 100 - 240 VAC, 50/60 Hz |

OPTIONAL PRINTER

| | |
|---------------|--------------------------------------|
| Type | HM-E200, 2" portable thermal printer |
| Printing Time | <5 seconds per test result |
| Power Supply | 100 - 240 VAC, 50/60 Hz |
| Dimensions | W x D x H: 8.5 cm x 13 cm x 5 cm |
| Weight | 234 g |
| Data Transfer | Wireless |

STANDARDS

Tympanometer IEC 60645-5, Type 2, ANSI S3.39, Type 2, Safety IEC 60601-1, ANSI/AAMI ES60601-1, Class II, Type B Applied Parts, EMC IEC 60601-1-2, CE 0123 according to Medical Device Regulation (EU) 2017/745, Class IIa

STANDARD COMPONENTS

Eartip box, probe cleaning kit, test cavity, rechargeable Li-Ion battery, power supply, carrying case

OPTIONAL ACCESSORIES

Short extension cable for probe with status lights (35 cm), wireless printer kit HM-E200, cradle kit, wall mount kit for cradle

OPTIONAL LICENSES

1 kHz high frequency probe tone incl. broad-band noise

OPTIONAL SOFTWARE

MAICO Sessions PC Software, OtoAccess® Database, OtoAccess® Worklist HL7 (OtoAccess® Database add-on), Noah Database

SANIBEL

We highly recommend to use Sanibel disposables in order to guarantee optimal test results.



Specifications are subject to change without notice.

Standard Components



easyTym device



Probe cleaning kit



Eartip box with eartips



Test cavity



Carrying case

Optional Accessories/ Software



Extension cable



Cradle



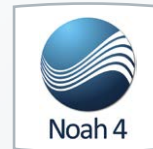
Wireless thermal printer HM-E200



MAICO Sessions PC Software



OtoAccess® Database



Noah Database

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