

Impedance Screener MI 24

The reference for Impedance and Reflex Screening



- Ergonomic design - easy, comfortable to operate
- Adjustable probe with integrated right / left selection button
- Fast, automatic test (only 3 seconds for one tympanogram)
- LCD screen displays tympanogram and test results immediately
- Graphical realtime reflex display
- Memory stores test results for both ears
- Fast, virtually silent printout of test results
- Ipsi- and contralateral (Option) reflex test with 4 frequencies

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General Technical Specifications

Fast diagnosis of the middle ear

The MI 24 Impedance Screener performs fast impedance and ipsilateral reflex tests - a tympanogram takes only three seconds. The virtually silent printer offers a printout of the test result within only 4 seconds.

Contralateral reflex tests with MI 24C

Additionally, the model MI 24C provides contralateral reflex measurements.

Versatile, adjustable probe

The adjustable probe of the MI 24 offers a wide flexibility for the handling. The probe tip can either be adjusted to straight, pen type (0° angle) operation or to 60° and 85° angle. An integrated switch allows to change the test ear directly at the probe. The integrated light changes to red (right ear) or blue (left ear) respectively.

Easy, comfortable to operate

The probe seal in the ear is easily checked with the built-in indicator light. The test starts immediately when a good seal is achieved. The tympanogram and test results are displayed in real time on the graphical LCD screen. The test results for both ears are stored and can be printed out together.

Automatic functions

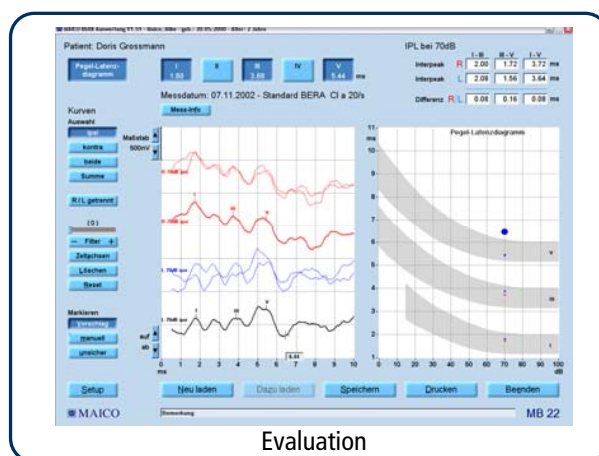
The impedance test starts automatically. The intensity of the four frequencies of the following reflex test is increased automatically until a reflex is detected or the maximum is reached. The maximum level is adjustable to protect sensitive ears. An automatic printout of the test results can be selected.

Models: MI 24


MI 24 C with add. contralateral reflex test

Optional accessories / disposables

TDH 39 contralateral phone with headband	Part No. 4682
Printer paper	Part No. 705078
1 set of Eartips yellow (7 mm)	Part No. 705056
1 set of Eartips green (9 mm)	Part No. 705057
1 set of Eartips white (11mm)	Part No. 705058
1 set of Eartips yellow (12,5mm)	Part No. 705059
1 set of Eartips green (15mm)	Part No. 705060
1 set of Eartips blue (18 mm)	Part No. 705061
Carrying case	Part.No. 705014



Technical Data

Channels:	2
Signal presentation:	right, left and alternating
Test signal:	Click, tone burst
Test sweep:	Single Click, 3- step- and 6- step quasi simultaneous click, step stimulus sequence
Stimulus rate:	7/s and 14/s time step sequence, 9/s and 20/s standard ABR
Stimulus level:	0...100 dB _{HL} in 5 dB steps
Masking:	white noise 0-100 dB _{HL}
Number of summations:	max. 6000 (2 x 3000 in A/B buffer)
Headphone:	TDH 39 or HDA 280
EEG-gain:	86 dB (20.000)
Display:	Test results with actual EEG (count of measurements and artifacts, signal quality, status of test)
Control of signal quality:	By online-EEG
Standards:	IEC 601-1, class 1, BF According to medical directive 93/42/EEC 
Power supply:	Mains 100-240 V~, 50/60 Hz, app. 25 VA
PC requirements:	Intel Pentium IV compatible, 500 MB RAM, 10 GB Harddisk, USB Port Windows XP Pro SP2, Monitor: 1024 x 768 Resolution (Optimal 1280 x 1024)
Dimensions and weights	38 x 10,5 x 23 (L x H x D) 2,6 kg
Standard accessories:	MB 22 box, external preamplifier, headphone, ABR software, disposable electrodes, electrode cables, mains cable, ground cable

Specifications are subject to change without notice

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