

The reference for Impedance and Reflex Screening **Impedance Screener MI 24**



- 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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Impedance Screener MI 24

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.



MI 24 with optional connector cover

Technical data


Tympanometry mode:

Probe frequency, intensity	226 Hz ± 1%, 85 dB SPL into 2 cm ³
Pressure range	+ 300 to - 600 daPa
Volume range	0,1 to 6,0 ml
Accuracy	± 5% or ± 10 daPa
Test time	< 3 seconds

Reflex Mode:

Test frequencies	500, 1000, 2000, 4000 Hz ± 2%
Test method	ipsilateral, contralateral (MI 24C)
Intensities ipsilateral	70 ... 105 dB HL
Intensities contralateral	70 ... 110 dB HL
Intensity setting	automatic or manual

General:

Standard	IEC 601-1, IEC 645-5 class 2 medical directive 93/42/EEC 
Test program	Reflex test selectable
Memory	Storage of test results for both ears
Menu	For adapting to individual needs (Pump speed, accuracy, reflex mode etc.)
Probe	Lightweight adjustable hand-held probe with built-in control light and switch
Printer	fast, virtually silent thermal printer
Print time	4 s / 12 s (Test results of both ears)
Display	Graphic LCD-Display, contrast adjustable
Power supply	Mains 96 ... 240 V~, 50/60 Hz, 25 VA
Dimension and weight	W x D x H: 39 x 29 x 11 cm / 2,6 kg
Standard access. MI24:	Probe, ear tip set, calibration cavity with probe holder, mains cable, roll of paper

Models: **MI 24**
MI 24 C with add. contralateral reflex test

Optional accessories / disposables

TDH 39 contralateral phone with headband		Part No.	4 6 8 2
Printer paper	1 roll	Part No.	7 0 5 0 7 8
1 set of Eartips yellow (7 mm)	10 pcs.	Part No.	7 0 5 0 5 6
1 set of Eartips green (9 mm)	10 pcs.	Part No.	7 0 5 0 5 7
1 set of Eartips white (11mm)	10 pcs.	Part No.	7 0 5 0 5 8
1 set of Eartips yellow (12,5mm)	10 pcs.	Part No.	7 0 5 0 5 9
1 set of Eartips green (15mm)	10 pcs.	Part No.	7 0 5 0 6 0
1 set of Eartips blue (18 mm)	10 pcs.	Part No.	7 0 5 0 6 1
Carrying case	1 pc.	Part.No.	7 0 5 0 1 4

Specifications are subject to change without notice



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850227/4 04/05

