

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.

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	1 roll	Part No. 705078
1 set of Eartips yellow (7 mm)	10 pcs.	Part No. 705056
1 set of Eartips green (9 mm)	10 pcs.	Part No. 705057
1 set of Eartips white (11 mm)	10 pcs.	Part No. 705058
1 set of Eartips yellow (12,5 mm)	10 pcs.	Part No. 705059
1 set of Eartips green (15 mm)	10 pcs.	Part No. 705060
1 set of Eartips blue (18 mm)	10 pcs.	Part No. 705061
Carrying case	1 pc.	Part.No. 705014




MI 24 with optional connector cover

Technical data

Tympanometry mode:
 Probe frequency, intensity 226 Hz ± 1%, 85 dB SPL into 2 cm³
 Pressure range + 200 to - 400 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 ... 110 dB HL
 Intensities contralateral 70 ... 120 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
 PC interface USB
 Power supply Mains 100 ... 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

Specifications are subject to change without notice



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