

MI 24 / MI 24 h

Screening Middle Ear Analyzer

Portable air/bone conduction audiometer built for tough, rugged durability.

Features at a Glance

- Graphical reflex display
- Immediate pass/fail results
- Backlit LCD screen display
- Quiet, fast internal printer

Test Protocols

- Probe tone: 226 Hz (standard), 1000 Hz (optional)
- Ipsi reflex testing (standard), Contra (optional)
- Ipsilateral reflexes (500, 1000, 2000, and 4000 Hz), fixed level or automatic option



Technical Data

IMPEDANCE MEASUREMENT

Type	Class 2 acc. to ANSI S3.39
Tympanometer	
Test frequency	226 Hz \pm 1 %
Test level	85 dB _{SPL} in 2 cm ³
Pressure range	+200 to -400 daPa
Volume range	0.1 to 6.0 ml
Accuracy	\pm 5 % or \pm 10 daPa
Test time	Less then 3 seconds typical
Compliance range	0.2 to 3.0 ml

REFLEX MEASUREMENT

Test frequencies	500 Hz, 1 kHz, 2 kHz, 4 kHz \pm 2 %
Test method	ipsilateral, contralateral (optional)
Test level ipsilateral	70 dB _{HL} to 105 dB _{HL} (High freq. option) for 4 kHz to 105 dB _{HL}
Test level contralateral	70 dB _{HL} to 105 dB _{HL} (High freq. option) for 4 kHz to 105 dB _{HL}
Attack/release time	Typical 10 ms
ON/OFF Ratio	Greater than 70 dB
Pressure at test	Pressure @ max. compliance

GENERAL

Memory	Storage of two complete test result sets
LCD-display	Reword to: Graphical and numeric display of tympanograms and reflex curves.
Printer	Thermal printer, paper roll width 110 mm
Printing time	Between 4 seconds (one tympanogram) and 12 seconds (tympanogram and reflex for both ears)
Voltage	96 - 240 V / 50/60 Hz
Power consumption	approximately 65 VA

Dimensions	15 1/4" W x 11 1/2" D x 4 1/4" H (39 cm W x 29 cm D x 11 cm H)
Weight	approximately 5.5 Lbs (2.6 kg)

STANDARD ACCESSORIES

- Handheld probe
- Power cable and ear tip kit
- Calibration cavity
- Printer paper roll

OPTIONAL ACCESSORIES

- Soft side carry case
- Contra button phone and cable
- Contra TDH 39 phone and cable
- 1K probe tone



Applicable CTP Code(s):

Tympanometry: 92567

Acoustic Reflex: 92568

Sanibel
Supply

We highly recommend using Sanibel eartips, in order to guarantee optimal test results.

*Disclaimer: Specifications are subject to change without notice.

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ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.