

MI 34

Middle Ear Analyzer



Maico combines the speed and simplicity of an impedance screener with the added functions of reflexes and reflex decay tests that are usually found only on more expensive diagnostics equipment.

- Ipsi and contra reflex testing
- Reflex decay testing
- Intact Eustachian tube function testing
- Perforated Eustachian tube function testing
- Adjustable comfort probe
- LCD graphical display
- Quiet, fast internal printer

NEW ● Optional 1 kHz high frequency probe tone

TRUSTED TECHNOLOGY

SINCE 1937

MAICO DIAGNOSTICS

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phone 952-941-4200 • toll free 888-941-4201 • fax 952-903-4200

www.maico-diagnostics.com



MI 34

Automatic test results, quickly and easily



MI 34 with accessories

Speed and simplicity

The Maico MI 34 is a lightweight, easy to use impedance screener/diagnostic instrument that will provide reliable, accurate results for years to come. Lightweight portability means it's perfect for bedside testing or moving from office to office.

Guaranteed to meet your needs

This screening/diagnostic tympanometer performs automatic impedance measurements for middle-ear evaluations. In seconds the results are displayed on the backlit LCD and can be printed from the internal printer after each test. Included in this model are special diagnostics testing for ipsi and contra reflexes, reflex decay and an intact Eustachian tube as well as perforated Eustachian tube function.

Technical Data

TYMPANOMETRY MODE

Probe Frequency226 Hz +/-2% typical
Probe Intensity85 dB SPL into a 2cc cavity
Pressure Range+200 to -400 daPa
Volume Range0.2 to 5.0 ml
Accuracy+/-10 or 10 daPa, whichever is greater
Rate of SweepVariable, 550 daPa/sec. max.
Test TimeLess than 3 seconds typical
Compliance Ranges ...0-3 ml

REFLEX MODE

IPSI Frequencies500, 1000, 2000, 4000 Hz +/-2%
IPSI Intensities70 - 105 dB HL (105 dB HL max. at 4000 Hz),
on/off ratio greater than 70 dB, rise/fall time
10 msec. typical
CONTRA Intensities ...60 - 110 dB HL (60-105 dB HL 100 max. at 4000 Hz)
PressureAutomatically set to peak value on tympanogram

REFLEX DECAY MODE

Reflex Frequencies ...500, 1000, 2000, 4000 Hz +/-2%
CONTRA Intensities ...70 - 120 dB HL (115 dB HL max at 4000 Hz)
PressureAutomatically set to peak value on tympanogram
Test Time13 seconds, 10 seconds auto tone present

EUSTACHIAN TUBE FUNCTION MODE

Pressure Range+300 to -400 daPa (mm H2O)
Accuracy+/-10 % or +/-10 daPa, whichever is greater

DISPLAY

LCD type graphical display shows graph of tympanogram, peak compliance, peak pressure, canal volume, gradient, reflex, graph and conclusion.

Dimensions15" W x 4" H x 13" D/
38.1cm W x 10.2cm H x 33cm D
Weight10 lb/4.5 kg
Voltage117/234 volts AC, adjusts automatically

STANDARD ACCESSORIES

Part Number Part
661324-piece ear tip set
5532thermal paper
570G-14probe
5533calibration cavity

And ONE of the following (please specify with your order)

4682Contra TDH 39 phone and cable
4796Contra button phone and cable

OPTIONAL

1156-2057high probe tone frequency: 1000 Hz +/-2%

OPTIONAL ACCESSORIES

1035-3002soft-side case
CPT Codes92567 Tympanometry
92568 Acoustic reflex
92569 Acoustic reflex decay

Specifications subject to change without notice

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 delivery of the instrument to the original purchaser. Accessories which are purchased from Maico at the same time as the instrument are warranted for one year from the date of purchase. For additional information contact your Maico Distributor. time as the instrument are warranted for one year from the date of purchase. For additional information contact your Maico Distributor.

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