

MADSEN Micromate 304



High quality,
affordable price

Full battery-
powered
portability

Silent
pushbuttons

Rotary intensity
control

Compact,
lightweight and
durable

Weighs just
2 kg (4½ lbs)
incl. carrying case

Portable Screening Audiometer

The MADSEN Micromate 304 is a low-cost portable screening audiometer that enables you to perform manual pure tone audiometry.

For fast, easy and accurate screening

The Micromate is ideal for schools, industry or anywhere fast threshold determination is needed. Weighing only 2 kg (4½ lbs) together with carrying case, headphones, and power adapter, the Micromate 304 is completely portable. In addition, it can be operated on batteries for complete freedom of movement.

Carrying case

The Micromate 304 portable screening audiometer may be supplied with an optional custom-made carrying case (soft) for easy transportation. Battery operation is standard, with AC power supply optional.

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Auto power-off after 10 min. to conserve batteries

Although alkaline batteries have a long life in the Micromate 304, the audiometer automatically switches itself off approximately 10 minutes after use to conserve battery power.

Standard accessories

Together with audiogram pad, pens, manual and patient signal, the ME 70 noise-excluding headset with TDH-39 is supplied as standard. Also available are TDH-39 HB-7 and Holmco 95-01 headsets.

If a record of thresholds is desired, an audiogram pad may be attached to the front panel and the coordinate system of indicators used to mark the audiogram curve.



● Hearing Assessment ● Fitting Systems ● Balance Assessment

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Technical specifications:

Hearing Level Range: -10 to 90 dB HL in 5 dB steps

Tone Stimulus: Pure tone

Frequency Range: 250 to 8,000 Hz

Accuracy:

Frequencies: better than $\pm 3\%$

Hearing Level: within ± 3 dB of indicated level

Distortion: $< 1\%$

Standards: EN 60645-1 for Audiometers, Type 4

Calibration: ISO 389, ANSI S3.6

Operating Environment:

Temperature: 15 - 35°C, 59 - 95°F

Rel. Humidity: 30 - 90%

Battery Consumption: Approx. 30 mA

Power Supply:

Internal: 6 x 1.5 V, Type C Batteries

External: 9 VAC, 250 mA Power Adapter, 115/230 V

Patient Safety: Complies with EN 60601-1, Class II, Type B

Dimensions: 300 x 210 x 60 mm, 12 x 8.4 x 2.4 in. (W x D x H)

Net Weight:

With batteries: 1275 g, 2.8 lbs

Without batteries: 1000 g, 2.2 lbs

Standard Accessories:

Patient Response Signal, ME70 Noise-Excluding Headset w. TDH39

Earphones, Audiogram Pad, Roller Pens (red & blue)

Optional accessories:

Carrying Case (soft), TC89E Headband w. TDH39 Earphones, Power

Adapter 50/60 Hz, 115/230 VAC (please specify)

Otometrics

Copenhagen-based Otometrics is the world's leading manufacturer of hearing and balance instrumentation and software, providing solutions ranging from infant screening applications and audiologic diagnostics, to balance testing and hearing instrument fitting.



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