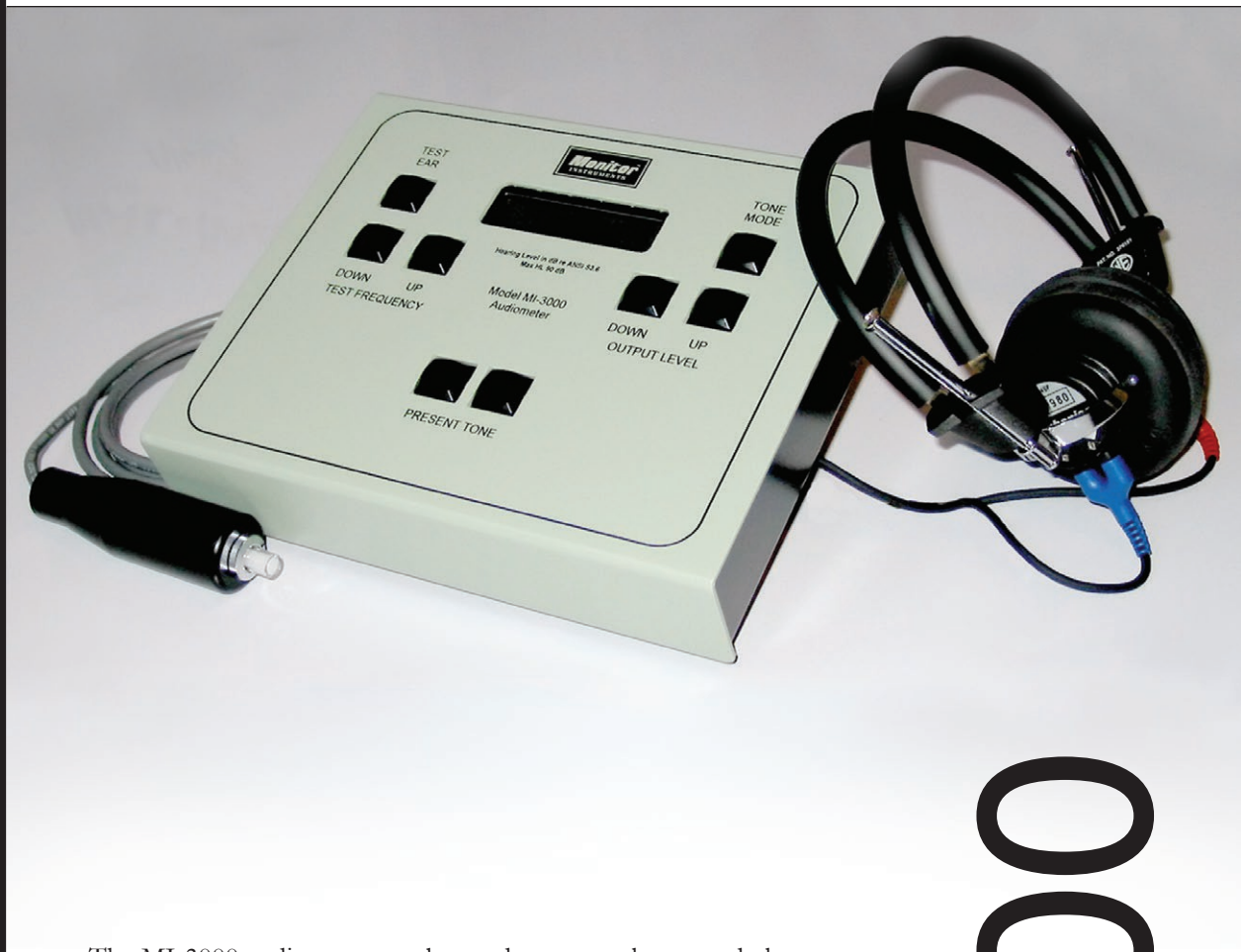
One audiometer—two distinct applications —offers versatility and ease-of-use at a lower price

Monitor™ INSTRUMENTS



MI-3000

The MI-3000 audiometer can be used as a complete, stand-alone manual audiometer with the capability of testing frequencies from 125 Hz to 8000 Hz in a manual mode with either pulsed or continuous tones. It can also be interfaced to one of two software packages to automatically perform OSHA compliant tests or be configured with limited output range and frequencies to perform medical and screening tests. The results of either test mode can be printed to the default printer.

Potential users include:

Doctors offices, schools, small industries, hospitals, community health screening organizations

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MI-3000 Audiometer

MI-3000 Benefits

- Small size and light weight make it easily portable and convenient for small spaces
- Economical
- Ease of operation simplifies training of operators
- Capable of field calibration

Options and Features

OSHA package

The OSHA package allows the operator to perform an OSHA compliant test (qualifies as a microprocessor audiometer) enter patient demographics on a Windows form, and print out the results to the default printer. Test progress is updated continuously on the computer screen, with controls that allow the operator to manually test any or all frequencies with keyboard and mouse controls. Error messages are displayed on screen in easy to understand terminology.

Medical/Screening package

The Medical/Screen package (M/S) allows the operator to select any frequencies from 125 Hz to 8000 Hz for testing, as well as the maximum and minimum output levels of the test. This greatly reduces test time when Pass/Fail criteria for certain threshold levels are being screened. This package also allows printing of threshold data along with patient demographics.

Testing modes may be switched to manual, single-frequency, or back to automatic testing at any time during a test. Printed tests are easy to read and provide threshold data along with many optional patient demographics.

The MI-3000 is shipped with either the OSHA or the M/S software package.

Features

- Automatic threshold testing of all or any frequencies from 125 Hz to 8000 Hz
- OSHA compliant automatic test and printout
- Selectable minimum and maximum output levels
- Manual testing through computer or audiometer controls
- Single frequency automatic retests
- Modified Hughson-Westlake test paradigm

Package includes:

- MI-3000 Audiometer module with prop stand
- Complete headset
- UL listed low-voltage, double-insulated, detachable power supply
- MI-3000 Operator Manual
- Telephone support
- 4-year limited warranty on the MI-3000 audiometer module
- Patient response switch
- Two (2) patch cords
- Computer interface cable
- Either OSHA or M/S software package

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Specifications:

Test Frequencies: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, and 8000 hz

Frequency Accuracy: Crystal controlled, less than 0.5% error at all frequencies

Intensity Range in dB HL: From -10 to 90 dB 500 Hz through 6000 Hz, -10 to 60 dB @ 125 Hz, and -10 to 85 dB @ 250 and 8000 Hz

Attenuator Linearity: Less than 1 dB error for any 5 dB step, less than 2 dB accumulated error relative to the calibration level

Tone Rise/Fall Times: 35/35 ms typical

Stimulus Characteristics, Pulsed Mode: 200 ms on and 200 ms off (50% duty cycle)

Audiometer Calibration: Meets ANSI S3.6 1996 standard for Audiometers and OSHA 29 CFR 1910.95. Output levels are calibrated through secured keyboard entry.

Safety: Unit is powered by a Safety Extra Low Voltage (SELV) rated input from a UL listed, double-insulated detachable power supply.

Earphone: Telephonics Corporation TDH-39/49 speakers with MX41/AR cushions.

Power Requirements: 100-240 VAC 50-60 Hz, less than 0.5 A

Physical Dimensions: 8.5" wide, 7" deep, 2" high

Net Weight: Unit, 2 lbs; earphone assembly, 1 lb; power supply, 6 oz.