



Frequently Asked Questions: MI 34 Middle Ear Analyzer

Q: How is the MI 34 different from Maico's MI 24?

A: The MI 34 is an impedance unit with the same screening functions as the MI24 (such as ipsi and contra reflex testing) but also includes reflex decay testing and intact and perforated Eustachian tube function testing. It provides automatic impedance measurements for middle ear evaluations.

Q: Is high frequency tympanometry available?

A: Yes. The MI 34 has a high frequency option available that tests out to 1000 Hz. High frequency testing is especially valuable when screening newborns.

Q: How can I automatically print after each test?

A: Under the "Common Setup" menu, highlight "Print after test" and set it to "On." Results now print after the selected tests for both ears are completed and "Off" prints only when the print key is pressed.

Q: How do I change from ipsi to contra reflex testing or to none at all?

A: The "Reflex" button on the front panel control changes the reflex testing mode from ipsi or contra or to no reflex.

Q: How do I perform a daily calibration and what is unique about this function?

A: At the start of each day, select "Calibration" to perform a brief calibration of the probe. This function is unique because it allows the user to verify volume measurement accuracy and the machine will make corrections to bring the tolerance to within +/- 0.1ml.

Q: How do I change the normal tympanogram box?

A: From the main menu, select "Tympanometer Setup Menu." Highlight the "Display limits" option and set it to "on." This is where you can decide whether or not the limits box will be displayed.

Q: How do I set the reflex levels?

A: From the main setup menu, select "Reflex Test Setup Menu." This is where you may select the number of frequencies to test and the reflex dB_{HL} starting level.

Q: Does the unit come with a printer?

A: Yes. An internal thermal printer is part of the instrument. You can order additional thermal printer paper from your Special Instrument Dealer.

Q: Can the printout header be customized?

A: Yes. Under the main setup menu, highlight "Clinic Setup Menu" and use the arrow keys to enter text. These will print out on top of the printout.

Q: How are the reflex levels shown on the display and printout?

A: The reflex is shown in up to four tracings, with time on the horizontal axis and the change in compliance on the vertical axis.

Q: How do I clear the tests?

A: Tests will remain in memory until overwritten by another test. Pressing and holding the L/R key for two seconds or by turning off the instrument will erase tests.