QUICK START GUIDE
SENTIERO DESKTOP OAE AND TYMP SCREENER
(BLUE HOUSING)

DEVICE CONNECTORS

- On/off button
- Power supply
- USB cable
- Label printer
- Patient response button
- Headphones or second transducer
- Air pump
- Probe

START MENU

Please note that not all Start Menu options will be available depending on the configuration of your device.

- Current time
- Battery status
- Customize settings
- Select patient
- Turn off device
- Additional information on options for current screen

TESTING
TYMPANOMETRY

Connect the probe to the red connector and the air cable to the pump connector. From the start menu, select the Tymp: Tymp+1kHz button. Select the test ear by pressing either the Right or Left button. Cartoon mode will show an airplane on the screen during the tympanometry test. For web description SOD05, connect a second transducer to the blue connector for Contralateral Reflex testing.
Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

**TYMPANOMETRY TEST SCREEN**

The system will first check the probe fit and wait for the pressure build up. The LED light on the probe will pulse at a steady pace to indicate a correct fit. During the test, if the probe fit is not correct, the LED light will blink at a fast pace and an error message prompting you to retry or cancel the test will appear on the screen.

Once a proper seal has been obtained, the test will proceed. A tympanometry test will be performed, followed by a reflex measurement.
DISTORTION PRODUCT OTOACUSTIC EMISSIONS (DPOAE) SCREENING

Select either the Screening or the Standard button from the start menu and connect the probe to the red connector.

Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

Select the test ear by pressing either the Right or Left button. Cartoon mode will start the test showing a cartoon instead of the progress bar.

A calibration will be performed prior to measurement. A green light indicates successful calibration. After successful ear probe calibration, the test will start automatically.

Probe fit override for patients with PE tubes or middle ear perforations

Overall test progress

Noise floor level

Progress for each tested frequency
DPOAE SCREENING TEST RESULTS

BASIC RESULTS VIEW

Please note that the initial result screen depends on the module settings in "DPOAE Preferences"

If the required criteria were met, the result will be PASS. If not, it will be REFER. You can retest the frequencies that did not pass.

Print results to a label or to a pdf file or full page report on PC.

Note: These circles indicate that other screens are available to view. Swipe your finger right or left to get other views.

DETAILED RESULTS VIEW

Red or blue bars indicate response, grey bars indicate noise

Outcome for each test sorted by f2 and L2

Numeric values shown in table format

Test parameter details
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AUDIOMETRY (Available only on web description SOD05)

Connect the headphones to the blue connector and select the Audiometry: Screening button from the start menu. Select the ear on which you want to start the test.

AUDIOMETRY TEST SCREEN

- Stimulus on indicator
- Select the frequency
- Stop test
- Select the ear to test
- Select the stimulus levels
- Press to present the stimulus
- Additional information about options for current screen
- Select the type of stimulus: pure tone, pulsed tone, or warble, or FM

1000 Hz
40 dB
As you present the stimulus, the current level will be displayed in the corresponding square. Once the hearing status for a frequency has been identified, move on to the next frequency.

Tapping twice on a square will display NR (no response). Tap three times to get back to blank square.

Once all frequencies have been tested for one ear, you can test the other ear.

When the test is finished, press the Stop button. You can add the patient’s personal data, and save on the device, print to a label (a label printer is required) or print to a pdf file or full page report on PC.
Quick Guide Information

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Valid from: Firmware Rev. 2.5, Mira PC Software Rev. 2.0
Applies to: Model: SOD100497, web description SOD04 and SOD05

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