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
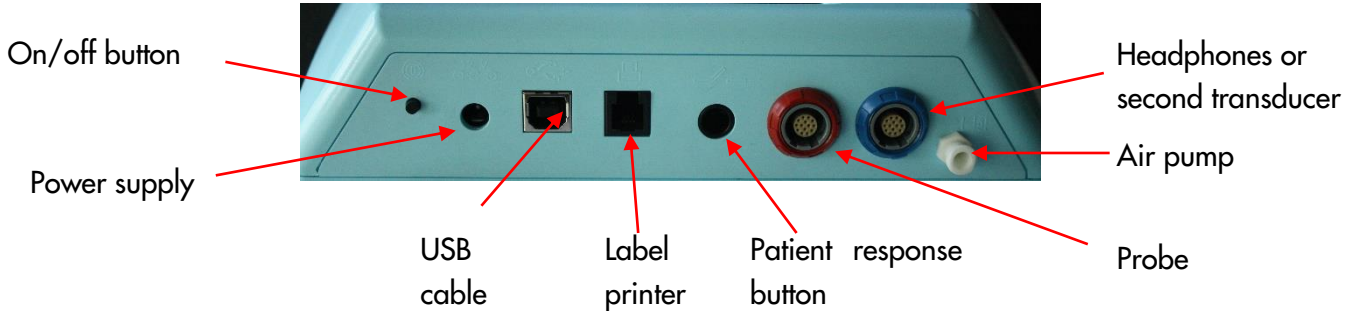
Probe

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

Additional information on options for current screen

Turn off device
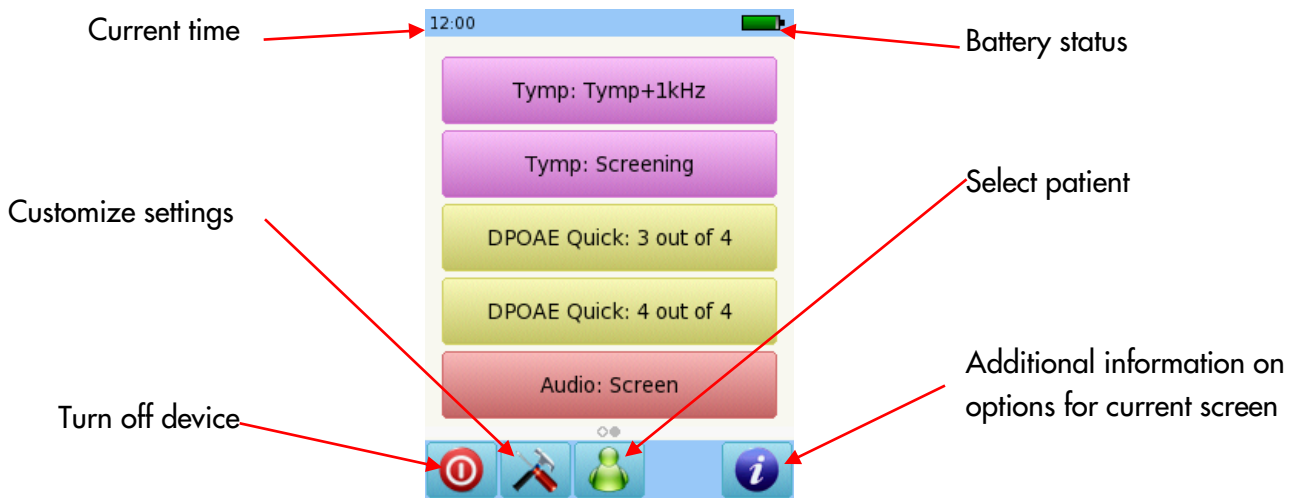
TESTING
TYMPANOMETRY

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.
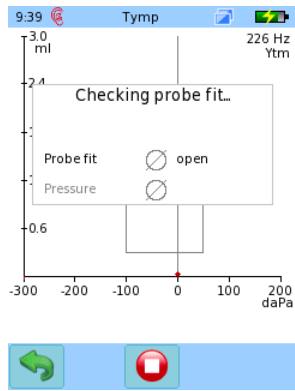

Second transducer

Air pump

Probe

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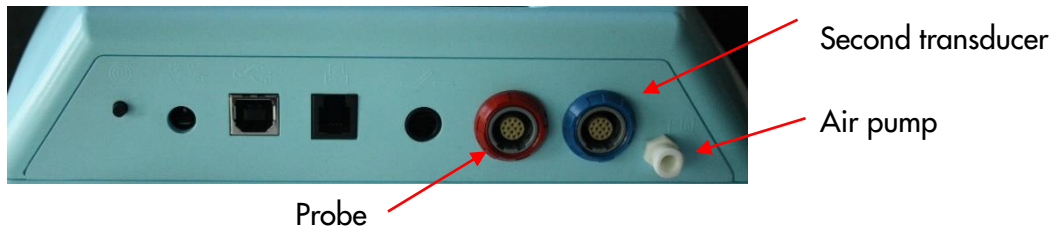
QUICK START GUIDE
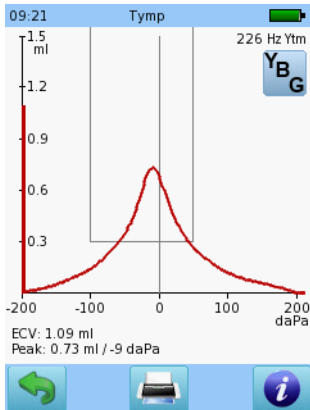## SENTIERO DESKTOP OAE AND TYMP SCREENER
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Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.
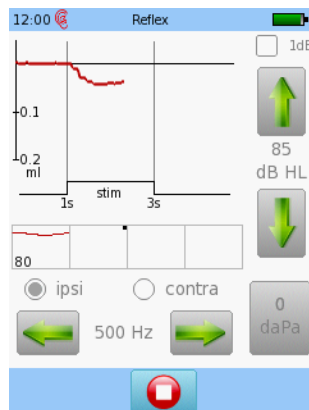
TYMPANOMETRY TEST SCREEN

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.
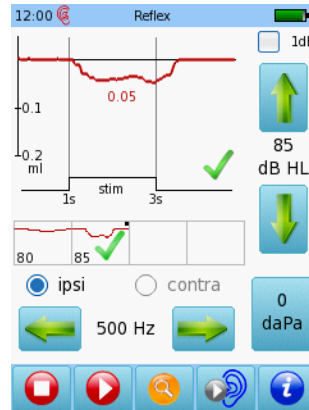

Once a proper seal has been obtained, the test will proceed. A tympanometry test will be performed, followed by a reflex measurement.

| Tympanometry test result | Reflex test in progress | Reflex threshold found | Overall Reflex test result |

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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.
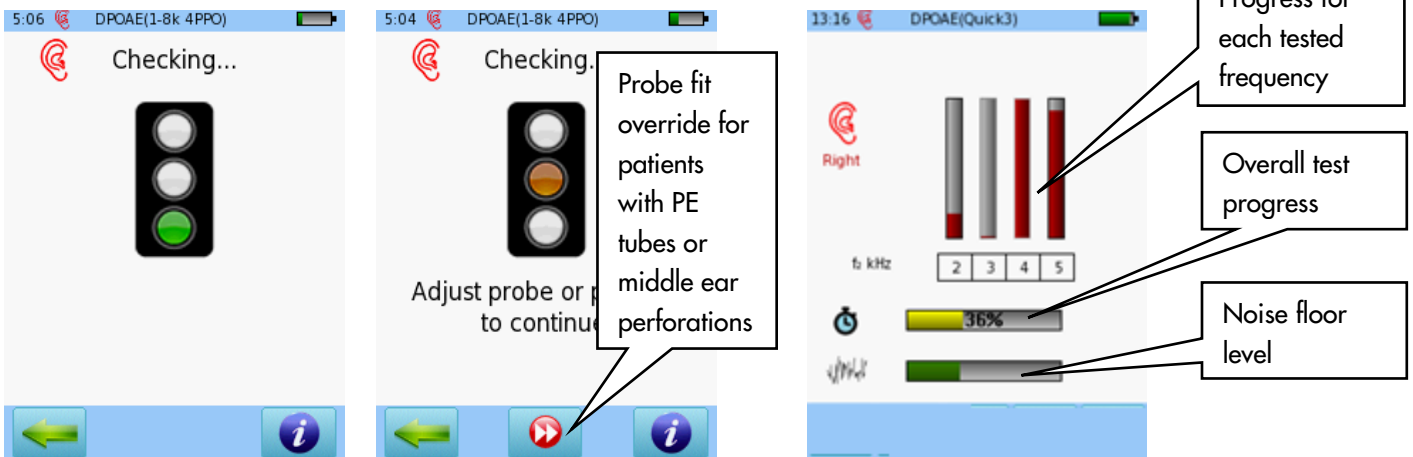

Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.

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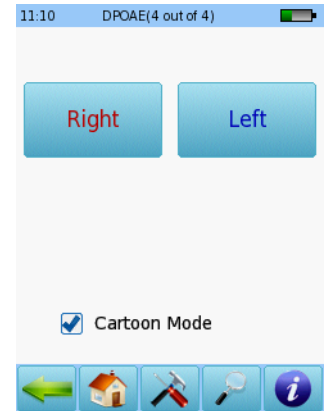
A calibration will be performed prior to measurement. A green light indicates successful calibration. After successful ear probe calibration, the test will start automatically.
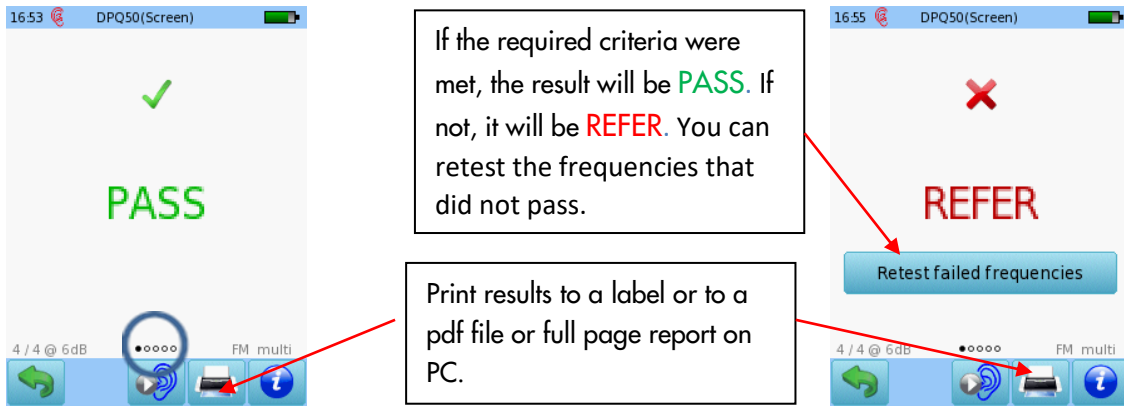

Probe fit override for patients with PE tubes or middle ear perforations

Progress for each tested frequency

Overall test progress

Noise floor level

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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
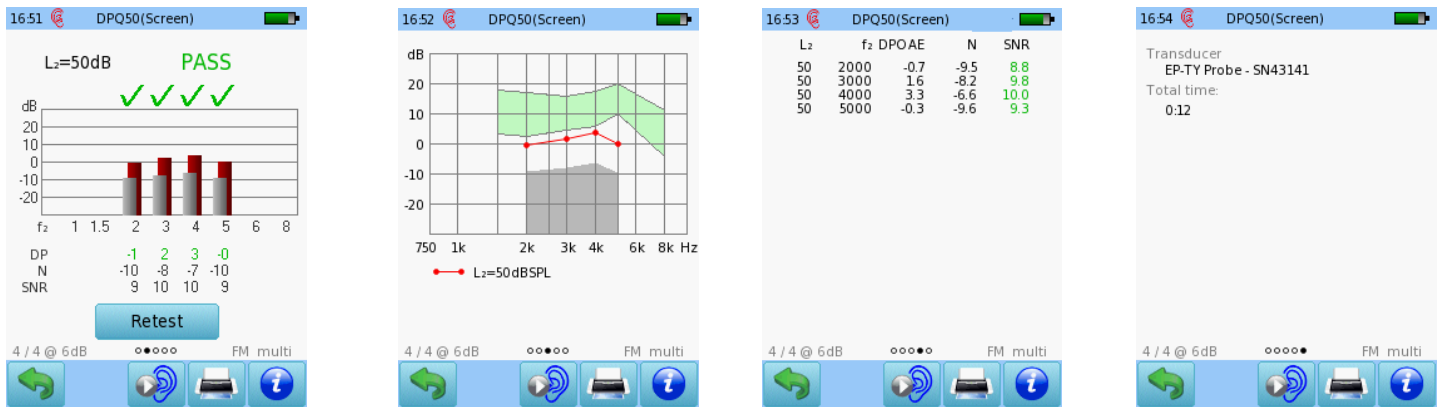
Red or blue bars indicate response, grey bars indicate noise

Outcome for each test sorted by f2 and L2
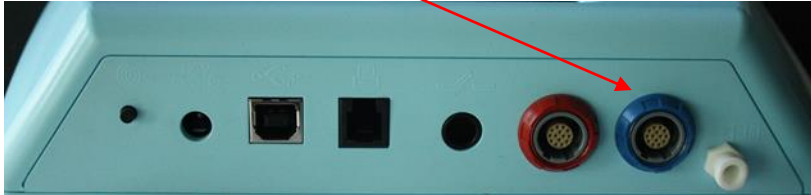
Numeric values shown in table format

Test parameter details

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 stimulus levels

Select the frequency

Press to present the stimulus

Stop test

Additional information about options for current screen

Select the ear to test

Select the type of stimulus: pure tone — pulsed tone ••• or warble FM

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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.

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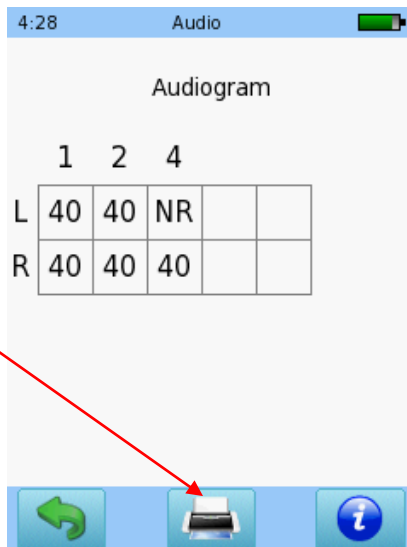
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Quick Guide Information

Release date:	2019-04
Revision:	03
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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Errors and omissions excepted.

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