QUICK START GUIDE
TYMPANOMETRY AND AUDIOMETRY
FOR SENTIERO DESKTOP DEVICES

DEVICE CONNECTORS

On/off button

Headphones or second transducer

Air pump

Power supply

USB cable

Label printer

Patient response button
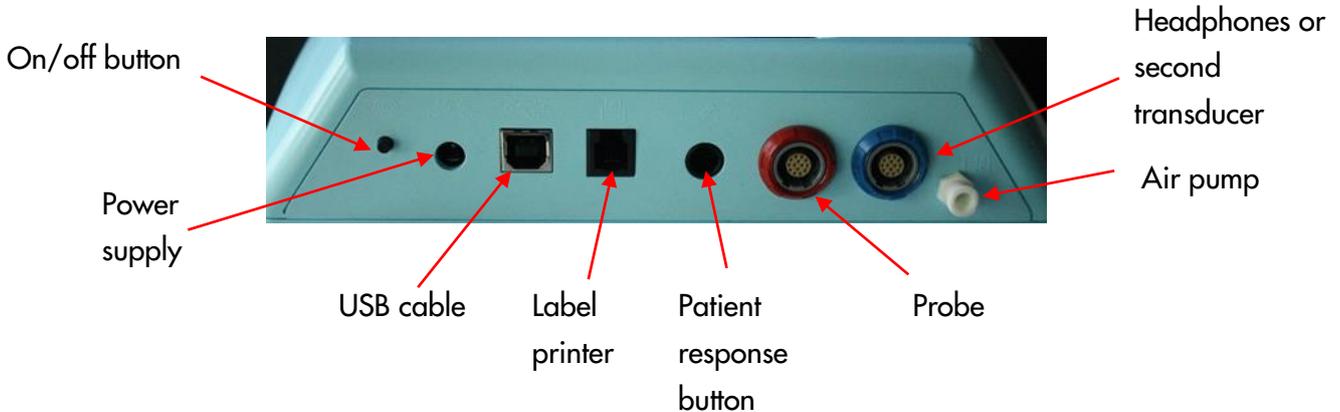
Probe

Make sure all your appropriate transducers are connected (Tymp Probe, headphones, second transducer for contralateral reflexes, etc.) in the corresponding connectors as shown above. Turn on the device using the power button on the back panel of the Sentiero (see picture right).
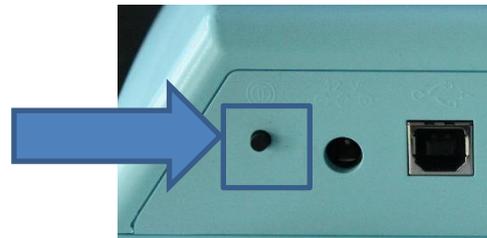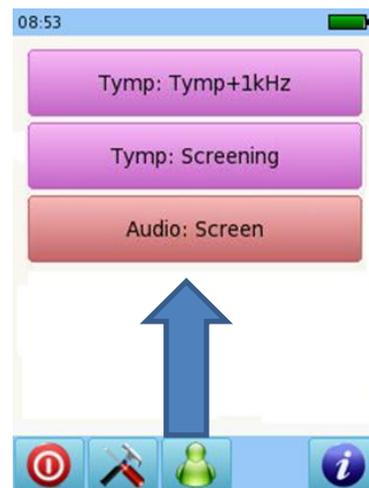
TYMPANOMETRY AND REFLEXES

Select one of the options in purple by tapping the corresponding button on the Full Color Touch Screen.

Tymp + 1 kHz: 226 Hz Tymp with a 1 KHz ipsi screening relfex at 90 & 95 dB, Auto Start (see next page)

Screening: 226 Hz Tymp, Auto Start, As Fast as Possible, Stop when Result obtained

08:53

Tymp: Tymp+1kHz

Tymp: Screening

Audio: Screen

PATH MEDICAL

Please make sure you have selected a tip, placed it on the probe and inserted it properly in the patient's ear so it fits securely. Clip the probe to collar or clothing.

Selecting an Auto Start Protocol (Screening shown here) will start the test automatically when right or left is selected. Make sure the tip is in the ear prior to choosing Right or Left. Check Probe Fit Screen appears (See picture at far right).

Once you receive green check marks by Probe fit and Pressure, the test will proceed automatically.
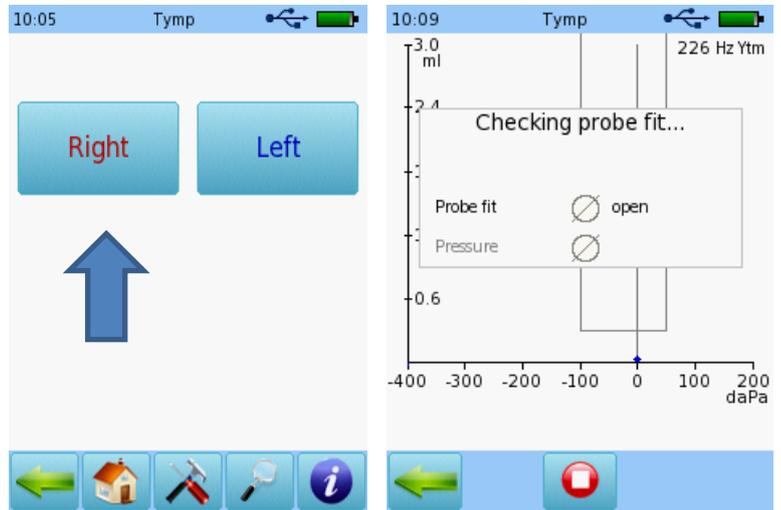
If you do not get green checks (above-open) during the calibration phase, check the probe fit, refit and retry.

Available only on diagnostic devices

Your Tympanogram will be performed (Screening Protocol).

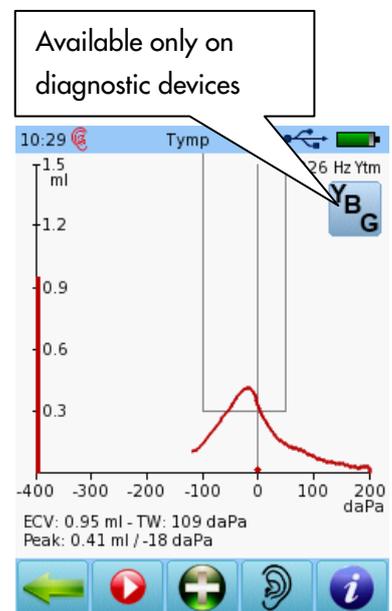When the test is complete you may:

> Go back (Green arrow button).

> Perform another tymp manually (Red start button).

> Add a 2nd and 3rd tracing (Green plus button) – please note that this option is only available for diagnostic devices

> Switch ears (Ear button).

> Receive on board help (🛈 button).

When test is complete and you tap the green arrow button, you go back to the Main Tymp Menu.

PATH MEDICAL

Select the Tymp + 1 KHz protocol button, and proceed as above. After the tympanogram is complete, the device will proceed automatically to the Reflex screen to perform the automatic screening reflex. *Automatic reflex screening depends on the result of the tympanogram* (e.g. if you have flat tympanogram results, the test will stop. You may then either switch ears or choose the back arrow to return to the Immittance Menu.)

When your reflexes are complete, you may view reflex results (Below Left) by selecting the Magnifying Glass button. You may also repeat a reflex test by tapping on the square that you would like to repeat OR choose the green arrow to return to the reflex test screen to test manually or stop.

For manual testing: use green arrow buttons to change intensity

For manual testing: tap this button if you choose to change test pressure from Tymp Peak Pressure (TPP)

For manual testing: use green arrow buttons to change reflex frequency

Available Actions from the bar at the bottom of the screen (from left to right):

Stop test to return to Immittance Menu (in purple)

Push Play to continue testing manually

Push Magnifying Glass to review reflex results

Push the Ear button at the bottom to switch test ears

Push the button for on board help for this reflex test screen

PATH MEDICAL

If you push the Magnifying Glass button to view results, you will have the actions below available:

Tap the result square to return to the test screen and repeat

Please note that the polarity of the reflex graphs can be configured in the device settings under Test Preferences / Tymp Preferences.

Tap to return to Reflex test screen

Tap for on Board help about this screen

Tap to scroll down for more reflex results

Tap to view Printing options

When you press the Stop Test button, a message box stating **Stopping Measurement** will ask you if you would like to save test data. If you choose **YES**, the data will be saved and test results will be displayed. If you choose **NO**, you will be taken back to the Module Selection. Choose **CANCEL** to stay on the test screen.

View the Printing Quick Guide for Additional Information regarding printing your test data.

Note: While performing Tympanometry, holding the probe or moving your hand may cause noise or an error. This will cause the device to stop automatically and give you the message "Artifact?" If this happens, refit the probe, check tip size to make sure it fits securely in the ear canal opening, and retry by tapping on the red play button.
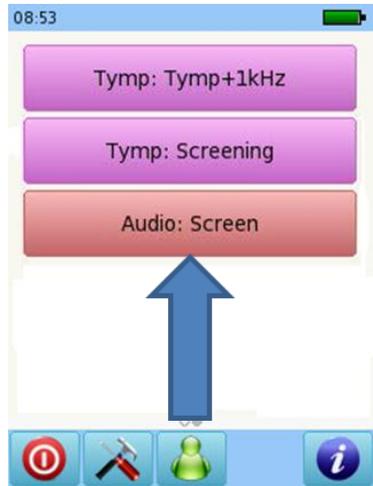
PATH MEDICAL

AUDIOMETRY

Select the Audio: Screen button from the start menu

- Make sure that the device is turned on and that the headphones are plugged into the blue jack on the back of the device.
- Place the headphones over the ears with the red colored connector on the cord of the headphone on the right ear and the blue one on the left ear.
- Position the patient looking away from the examiner controls
- Choose the ear to be screened by tapping on Right or Left in the Audio View.

The yellow square in the table indicates the test ear and frequency that is currently being screened (right ear, 1000 Hz to start). The frequency and level of the tone are shown in more than one place on the screen (See below, right).
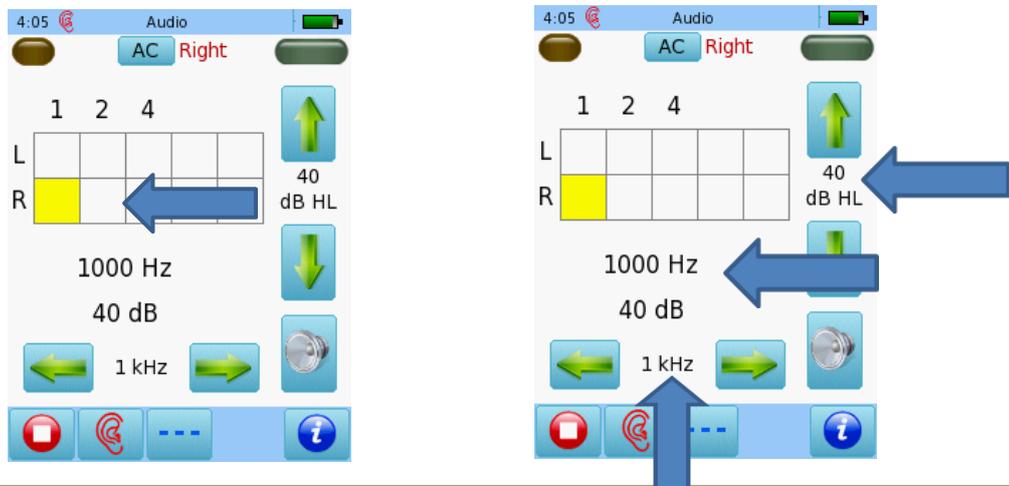
PATH MEDICAL

- Present the Tone by tapping the speaker button.

- Store your response by tapping the yellow square, tapping twice will score a No Response for that frequency (NR). Three taps clears the yellow square.

- Move to the next Frequency by tapping the right Green arrow.

- Continue in this manner until all frequencies are screened.

- Tapping the Ear icon will change screening ear.

- Complete the screening in the other ear (in this case left).

- Tap the stop button, a message box appears stating **Stopping Measurement**. Save data? Choose Yes, No, or Cancel. **YES** takes you to Audio Results Table. Choosing **NO** takes you back to the Main Menu. **Cancel** - Stay on the Test Screen.

- Change the stimulus type by tapping the button at the bottom of the screen with the dashed line . Choose from pulsed tone, FM (warble tone), or solid line (steady tone).

- Information about the screen that you are currently using is found if you tap the button (see below)
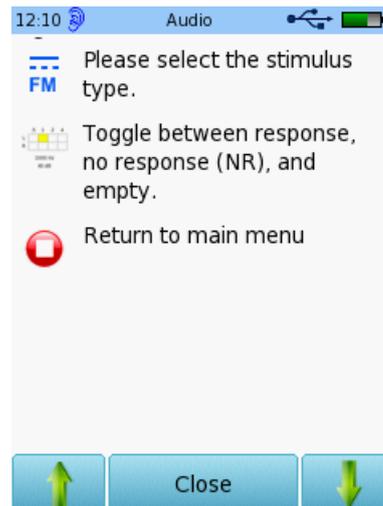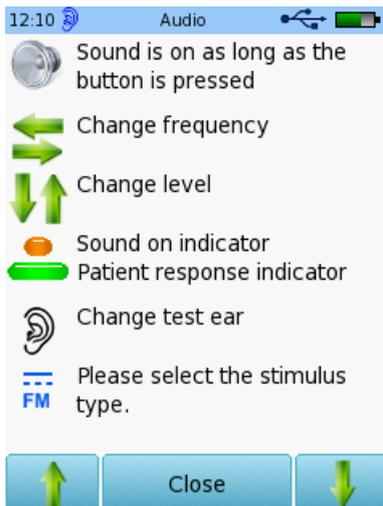
- If you chose YES to save data after performing the screening, you will be sent to the Audio Results Screen. This shows your results in a table view (See below).
- Tapping the printer takes you to the Print screen Please refer to the Quick Guide for Viewing and Printing results for further details.
- Tapping the green arrow (back button) returns you to the Audio Menu. Tap green arrow twice to return to Main Menu.
- Tapping the Ear icon a third time allows for binaural testing (sound presented to both ears at the same time), if this option is activated in Audio Preferences.
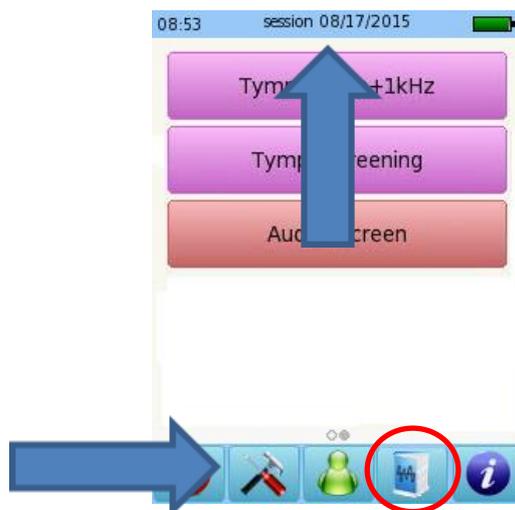
Tap the button to change ears, or change from binaural presentation
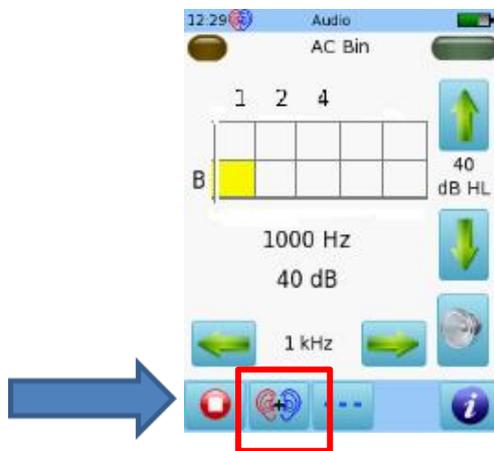
NOTE: For normal screening, single ear mode is preferred, please tap the RIGHT + LEFT icon to return to single ear mode (right ear with one tap, left ear with two taps).

If patient details were entered after screening was complete, you are in that patient's session. You must begin a new session for a new patient. Determine if you are in a patient's session if there is a session title at the top of the screen or an icon appears to the right of the green patient icon at the bottom of the screen mode.

Session title with date of test at the top

This icon is on the toolbar if you are in a patient session

PATH
MEDICAL

Begin a new session by tapping the green patient icon at the center of the bottom bar and then tapping the icon (below right).
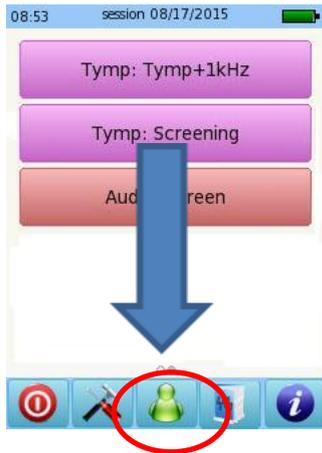
Start a new patient by tapping the icon.

Or to add patient details before testing (only available in diagnostic devices)

Please contact your distributor or Technical Support if you need further assistance.

Quick Guide Information

Release date: 2019-04
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Applies to: Model: SOD100497, all web descriptions

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Errors and omissions excepted.

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PATH medical GmbH
Landsberger Straße 65
82110 Germering
Germany
Tel.: +49 89 800 76 502   Fax: +49 89 800 76 503   Internet: www.pathme.de

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