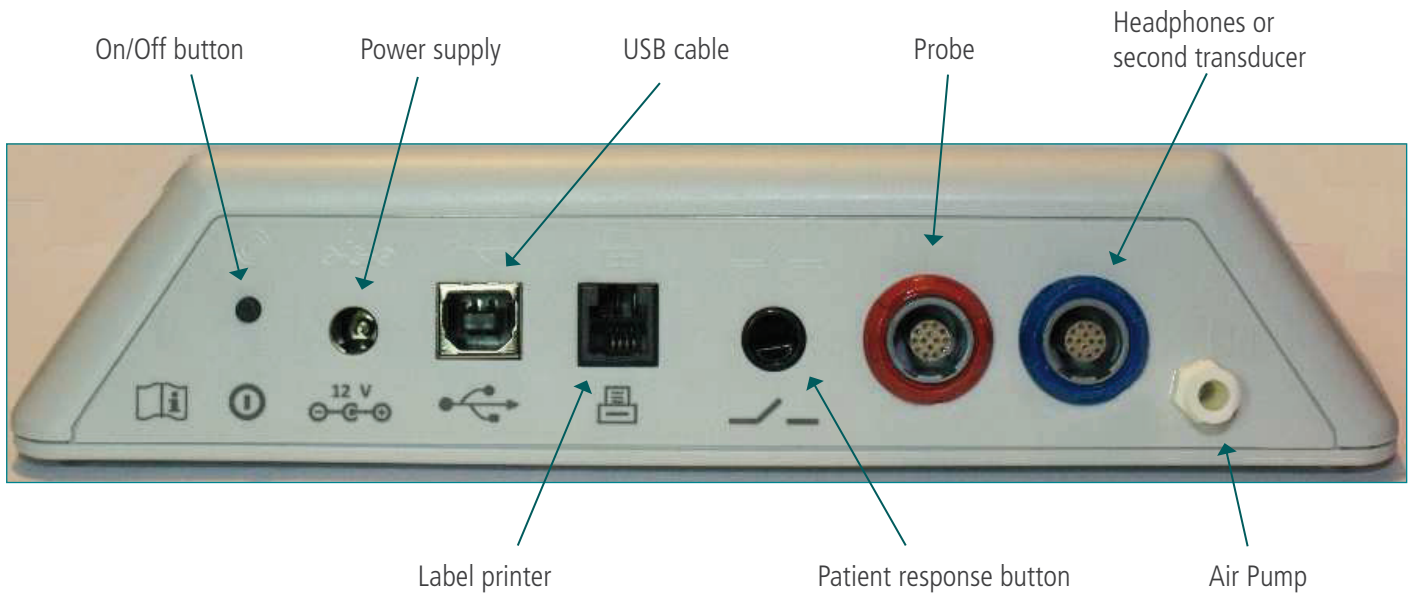


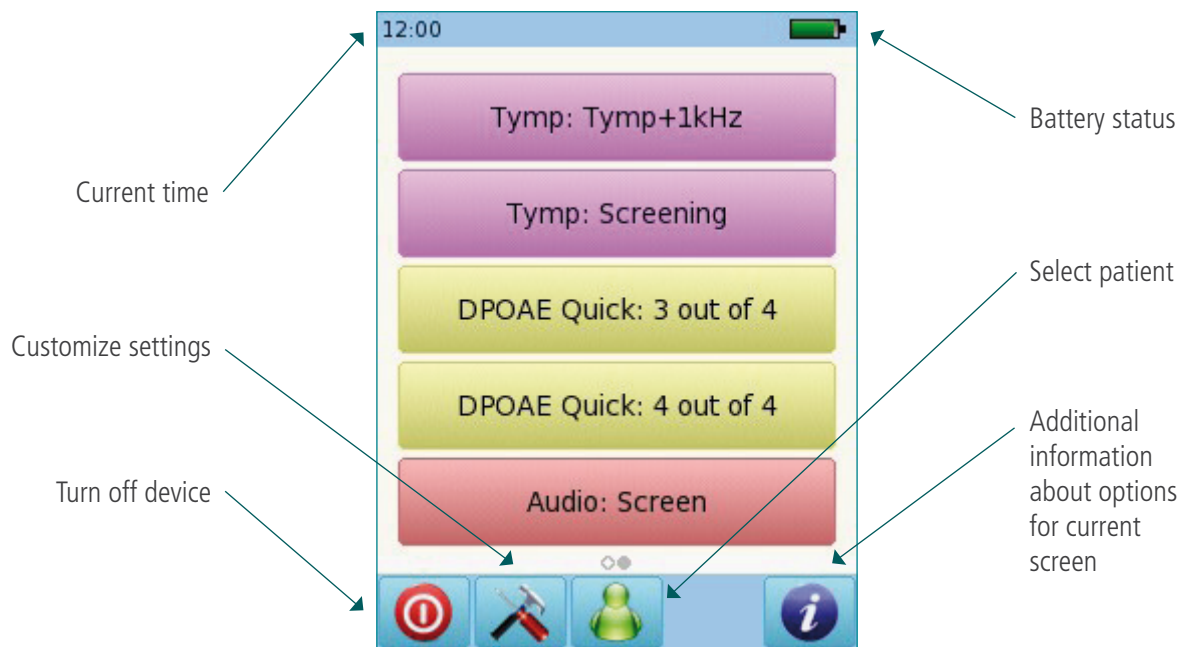
# OAE and tympanometry screening

▶ Device connectors



▶ Start menu

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



### ▶ Testing: Tympanometry

Connect the probe to the red connector and the air cable to the pump connector. From the start menu, select the **Immittance: Tymp+Ref 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 the diagnostic module, connect a second transducer to the blue connector for Contralateral Reflex testing.

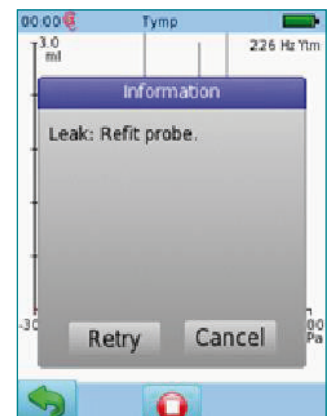
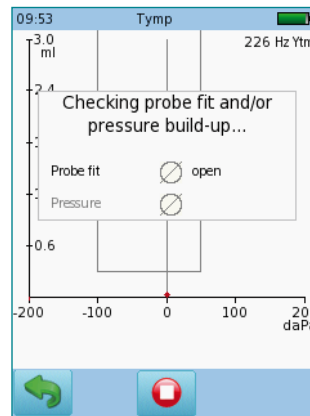


Probe or second transducer  
 Second transducer  
 Air Pump

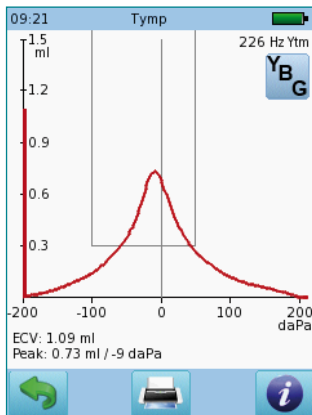
Select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the eartip fits tightly into the ear canal.

### ▶ Tympanometry test screen

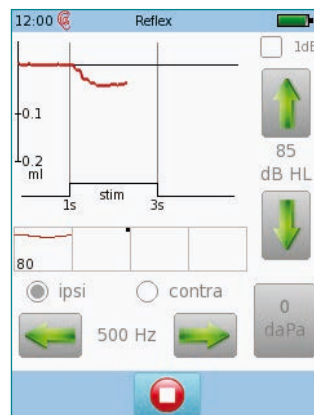
The system will first check the probe fit and wait for the pressure build up. The LED light on the probe will pulse at a steady pace to indicate a correct fit. If the ear tip fit is not correct, the LED light will blink at a fast pace and an error message prompting you to retry or cancel the test will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



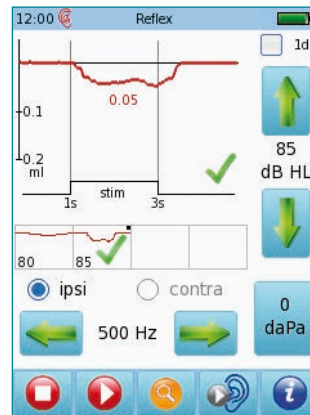
Once a proper seal has been obtained, the test will proceed. A tympanometry test will be performed, followed by a reflex measurement.



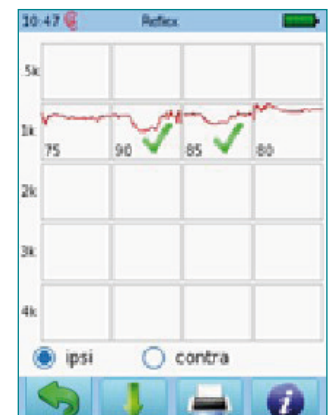
Tympanometry result



Reflex test in progress



Reflex threshold found



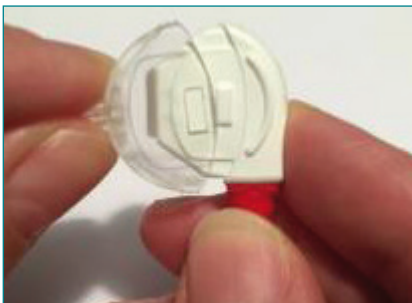
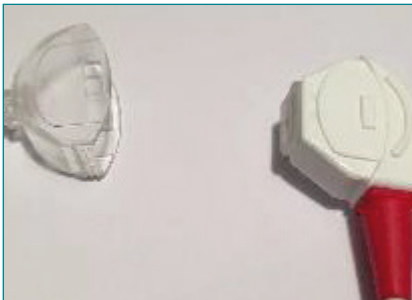
Overall Reflex test result

### ► Distortion Product Otoacoustic Emissions (DPOAE) Screening



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

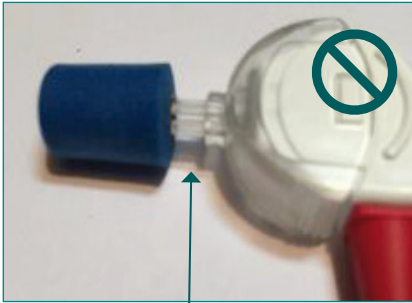
Inspect the ear canal, select the appropriate ear tip size and place it on the probe tip. Insert the probe in the ear making sure that the ear tip fits tightly into the ear canal.



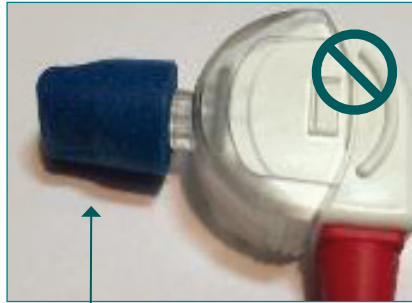
To attach the probe tip to the probe, push gently until you hear a click

To remove the probe tip, gently squeeze on both ends with your thumb and index finger and pull the probe tip out.

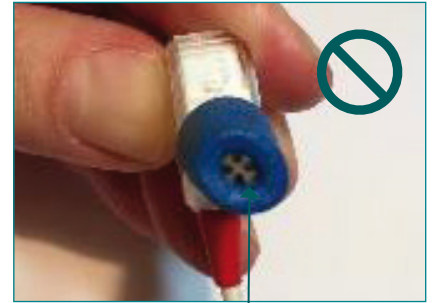
To place the ear tip on the probe tip, push it and turn it a little until it is in contact with the probe tip.



Eartip not completely inserted, space between eartip and probe tip

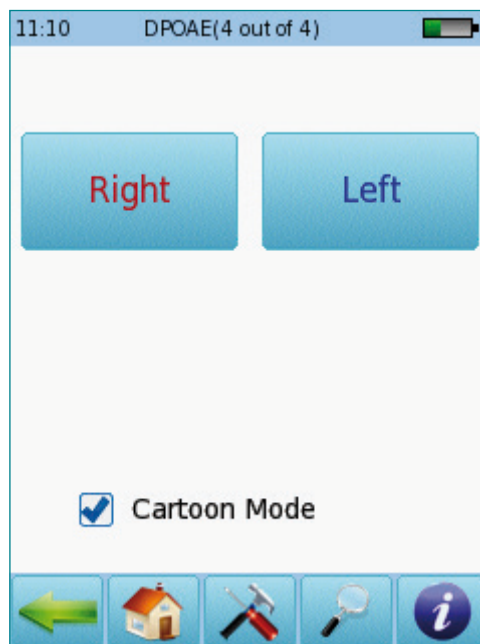


Eartip squeezed at the end of the probe tip



Eartip folded on probe tip, obstructing delivery of sound

Once the eartip is correctly placed in 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 (see below left). After successful ear probe calibration, the test will start automatically.

Progress for each tested frequency

Overall test progress

Noise floor level

Probe fit override for patients with PE tubes or tympanic membrane perforation

▶ 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**.

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

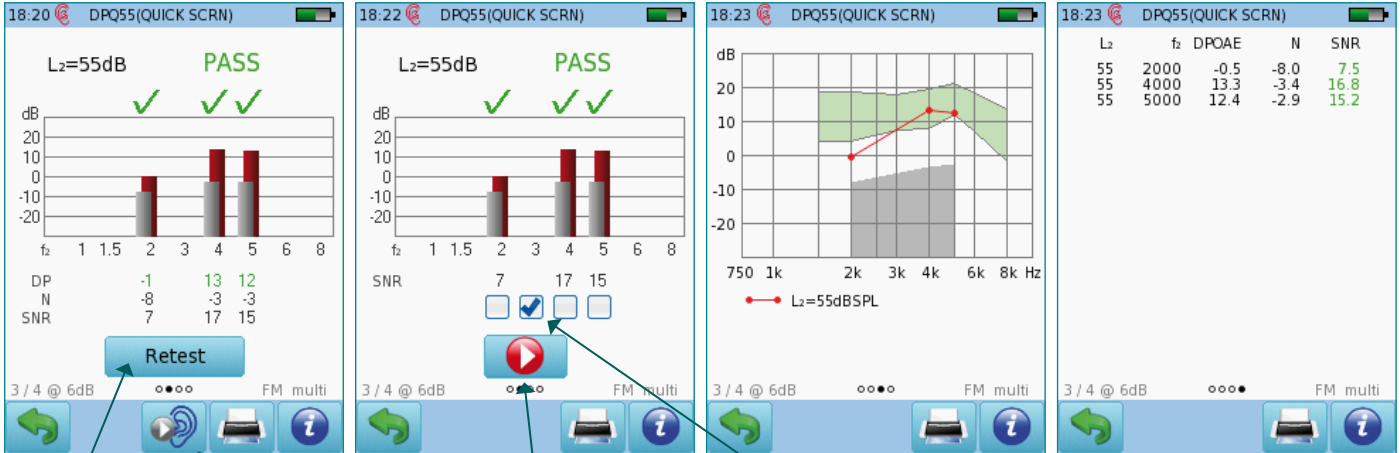
Note: These circles indicate that other screens are available to view. Swipe your finger right or left to get other views

### ▶ Detailed results view

Red or blue bars indicate response, grey bars indicate noise. Press Retest if needed.

Outcome for each test sorted by f2 and L2

Numeric values shown in table format



Retest frequencies

Test other ear

Start retest

Select frequencies to retest



## Quick Guide Information

Release date: 2019-04

Revision: 03

Valid from: Firmware Rev. 2.5, Bio-link PC Software Rev. 2.0

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Errors and omissions excepted.

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