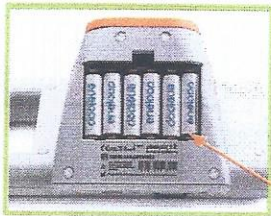


Quick reference guide - Vision Screener plusoptiX S12C

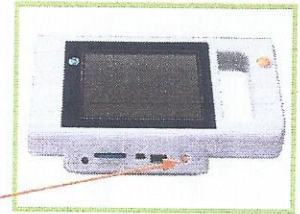
Thank you for choosing plusoptiX S12C. An award winning, 4th generation vision screening device. This quick reference guide will support you in performing your first vision screening in 8 easy steps:



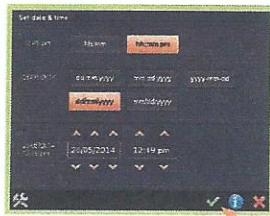
Step 1

Ensure that the batteries are inserted with the proper orientation. Follow the guide in the battery compartment. Then close the lid. Press On/Off button to switch device on.

Battery compartment



On/Off Button



Step 2

Choose date and time format by touching the appropriate buttons on screen. Then set date and time using the arrow buttons. Confirm with green checkmark button to proceed to start screen. Select age group of patient by touching appropriate button on screen.

Checkmark button



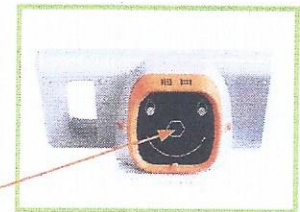
Age groups in months



Step 3

The patient needs to fixate on camera lens. Level camera to patient's eyes and press shutter to see camera picture on screen.

Shutter



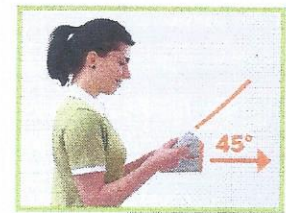
Camera lens



Step 4

Tilt camera so that screen is inclined by 45 degrees. Avoid sunlight and distractions. Adjust room light to obtain proper pupil size of 4 to 8mm.

Not correct



Step 5

Identify right measurement distance by observing camera picture on screen. Start at 4 feet. Camera picture is blurred. Move closer until picture is in clear focus. A warble sound is being played and measurement starts automatically.

Distance too far: Pupils crowded in white squares

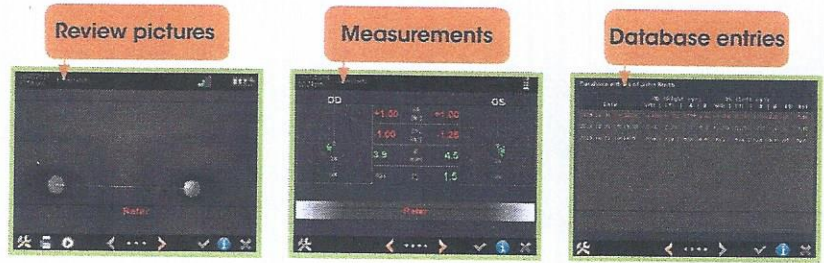
Right distance: Pupils circled in green

Distance too close: Pupils almost do not fit onto screen



Step 6

A ping sound is played at the end of a measurement. Camera picture freezes and a green "pass" or red "refer" screening result is shown on screen. Use orange arrow buttons to toggle in between result screens.

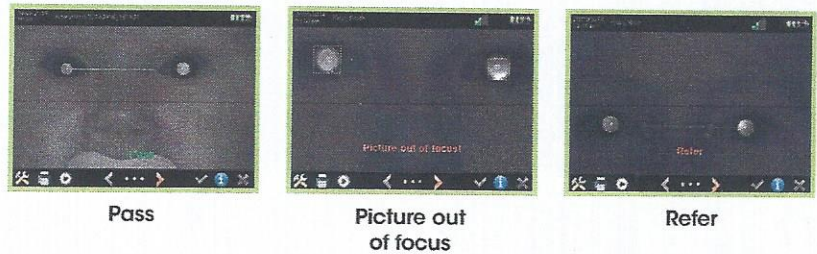


Step 7

A "pass" vision screening result indicates that all readings are below the referral thresholds, i.e. are in normal range.

In some cases an error message will be displayed on screen. In this case vision screening result is inconclusive. Review user manual for hints on how to avoid an aborted measurement and retry. If error message reads "measurement incomplete" in two consecutive attempts, vision screening result is deemed to be "refer".

A "refer" vision screening result indicates that one or more readings are at or above referral thresholds. These patients need to be sent to an eye care professional for a comprehensive eye exam.

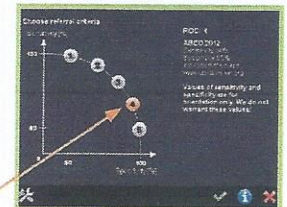


Step 8



In settings you will find five validated sets of referral thresholds to choose from. They range from very sensitive (and less specific) to very specific (and less sensitive).

Pay attention to the description provided on screen and access on screen help to review referral thresholds in detail.



Choose validated referral threshold

Access on screen help

Please note:

Children with glasses are already under the care of an eye care professional and therefore need not be screened. If your program requires screening of children with glasses then the child should be screened wearing the glasses and the glasses should be tilted up at the temples to reduce glare.

Plusoptix devices are specifically designed for the purpose of detecting the most common vision disorders in toddlers and preschool children. The screening of adults is only valid to identify the possibility of refractive error (need for glasses). Adults should receive comprehensive eye examinations to detect early stages of age related eye diseases. The methods used for children's screening are not able to detect adult eye/vision diseases.



These steps as well as all other features of your device are explained in detail in the user manual. The user manual describes error messages and fixes in detail, too. In case you don't have a copy of the user manual, you can download it here:

www.plusoptix.com/images/plusoptix/doku/usermanuals12USA.pdf



Once the device is switched on, you have access to additional information by touching the blue "i" icon located at the bottom right corner of each screen. This button opens an on screen help page.