



OPTICAL COHERENCE TOMOGRAPHY RS-330

MANUAL CAPTURE GUIDE



The Nidek RSD 330 is a fully automated OCT with auto tracking, auto focus and auto capture functions.

However, for the device to capture automatically, certain conditions must be met. Therefore, it may sometimes be necessary to use the device in fully manual mode.

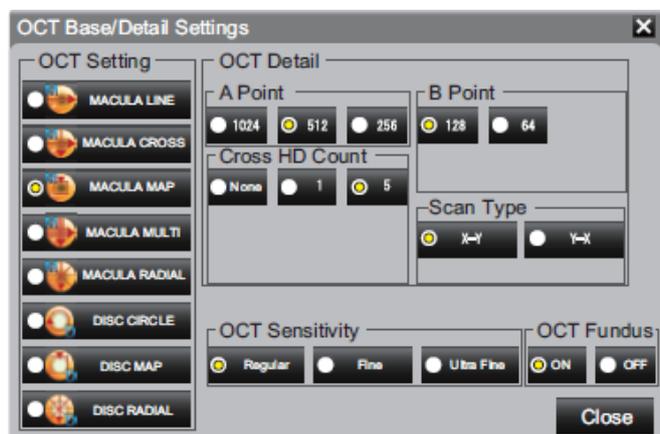
Uses for manual capture:

- Px with poor fixation or stability / positioning issues
- Px with poor tear film
- Px with significant media opacities
- Px with exceptionally high Rx
- Off axis / peripheral scanning

Manual capture procedure:

STEP 1: Scan Selection

It is possible to perform any individual or combo scan using manual mode. Select the scan mode and / or scan for capture.



STEP 2: Manual mode selection

Once the correct capture mode and scan pattern has been selected, the operator should toggle 'Manual' in the bottom left corner of the touchscreen.



Press the Auto/Manual toggle switch  to select Manual 

STEP 3: Patient Alignment

Align centrally with patient pupil until central spot and guidelines appear yellow (as with automatic mode).

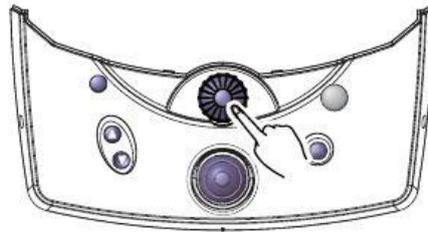


Pink lines above the fixation mean you are too close to the eye - pull back from the Px.

Green lines below the fixation mean you are too far from the eye – push towards the Px.

STEP 4: Toggle between anterior to posterior view

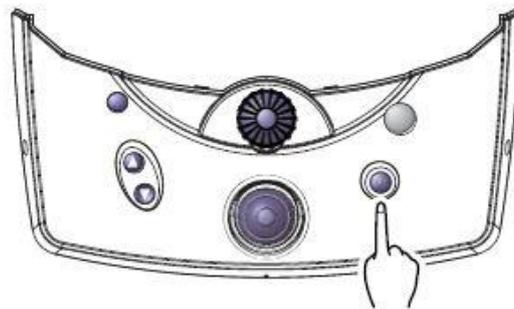
Press the eye front / fundus observation toggle switch to display the fundus observation screen.



STEP 5: Optimize the image

Think of the Optimizing stage as 'fine tuning' the image before capture.

Press the 'Optimize' button on the RSD base or  button on the RSD touchscreen.



STEP 6: Image alignment

Once the image has been optimized, the position of the scan within the scan preview box can be adjusted using the  and  arrows.



It is also possible to move the location of the scan at this stage (e.g. To scan a more peripheral retinal point area).

(Please see supporting 'Off axis scan guide').

STEP 7: Image capture

Finally, check the SSI score appears good, and scan location is confirmed, the image can be captured using the central button of the joystick.



Ensure you check the scan for errors (*see supporting RSD Scan Quality Checklist*).