NIDEK

Retina Scan

Duo™2

Easy Start-Up Guide

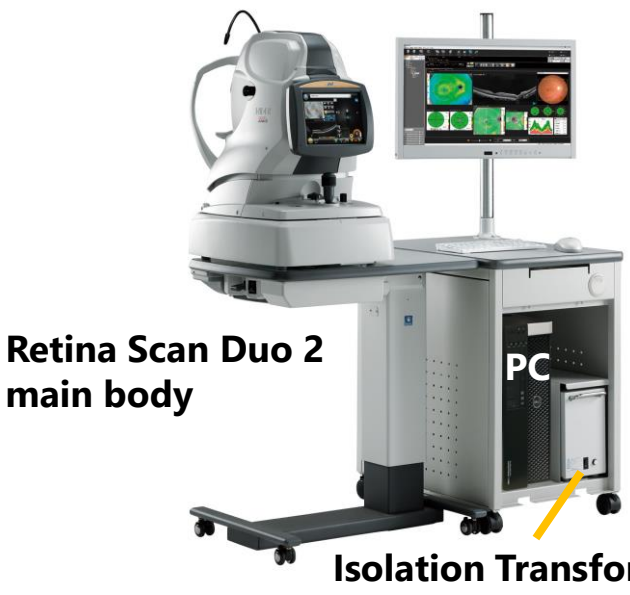
Duo 2

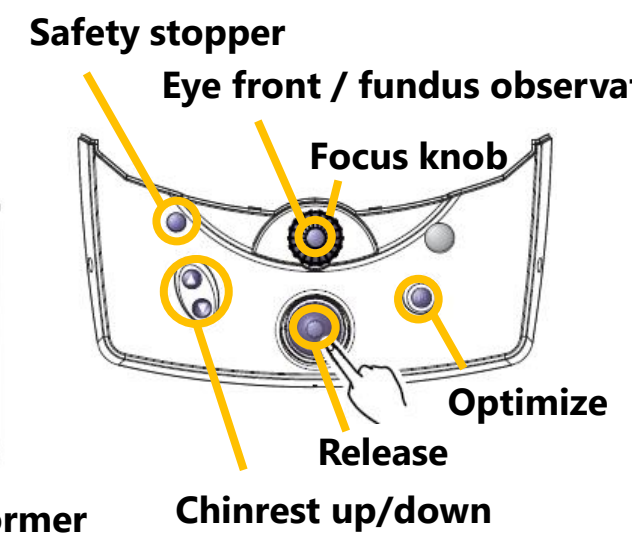
- Standard mode
- Professional mode
- Data check/Save

Retina Scan Duo 2 (RS-330)
Easy Start-Up Guide **- Standard mode -**

System Start-Up

Recommended Settings for Easiest & Fastest operation
Auto-shot : **On**
Operational Mode : **Auto & Standard**





Start-Up
1) Turn on an isolation Transformer
2) Turn on a PC
3) Turn on a Retina Scan Duo 2 main body

Patient Entry

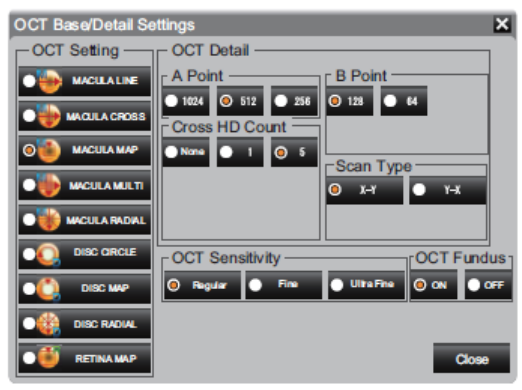


For the PC display
4) Double-click the NAVIS-EX icon on the desktop
5) Enter the longin name & password
- For the initial start-up, the log-in name is “RS-User” and the password is “user”.

6) Press Enter key or "Log-in“
7) Click "New" icon
8) Enter "Patient ID" & "Date of Birth“
9) Click "Capture“
- Patient ID is required (Date of Birth can skip but essential for using NDB analysis)
- After clicking "OCT capture", the screen automatically changes to the capture screen

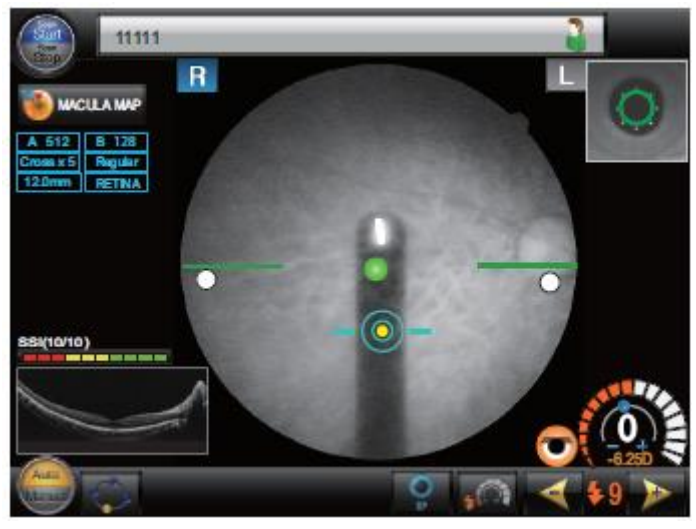
Image Capture





10) Touch which mode to use (Combo, OCT+FC, OCT or FC)
11) Select an OCT scan pattern and sensitivity
12) Perform alignment using the joystick to find the yellow luminescent point on the center of pupil
- Automatically move to fundus image once alignment is performed properly





13) When the auto shot function is activated, it automatically performs alignment, focusing, optimization and images capture.

These 10) – 13) can be operated by either the main body screen or the PC display.

<<Tips for capturing>>
- Please ask the patient to wear contact lenses or glasses when capturing if he or she has myopia of less than -15D
- Depending on the status of the patient's eye, automatic image capture may not be performed properly. In such a case, images need to be captured manually.

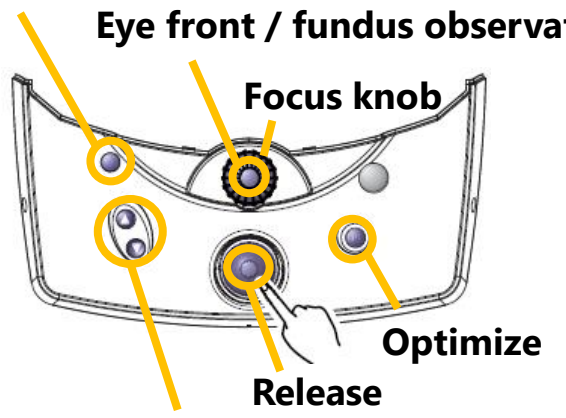


Retina Scan Duo 2 (RS-330)
Easy Start-Up Guide - Professional mode -

Recommended Settings for Advanced operation
Auto-shot : **Off**
Operational Mode : **Auto & Professional**

System Start-Up





Start-Up
1) Turn on an isolation Transformer
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Patient Entry



For the PC display
4) Double-click the NAVIS-EX icon on the desktop
5) Enter the longin name & password
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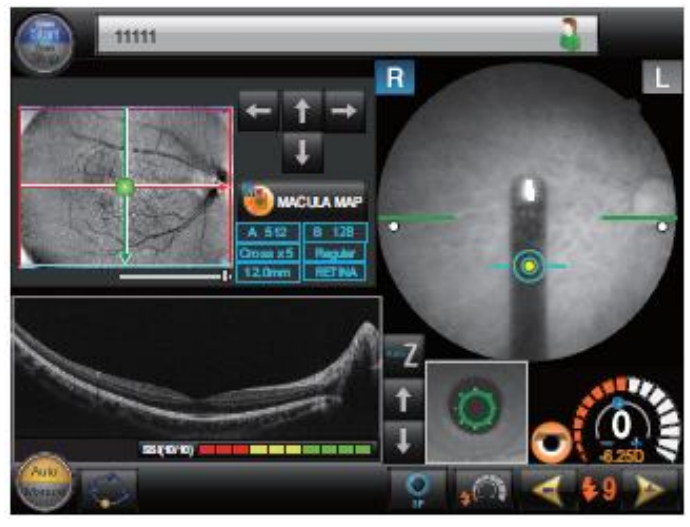
6) Press Enter key or "Log-in“
7) Click "New" icon
8) Enter "Patient ID" & "Date of Birth“
9) Click "Capture“
- Patient ID is required (Date of Birth can skip but essential for using NDB analysis)
- After clicking "OCT capture", the screen automatically changes to the capture screen

Image Capture



10) Touch which mode to use (Combo, OCT+FC, OCT or FC)
11) Select an OCT scan pattern and sensitivity
12) Perform alignment using the joystick to find the yellow luminescent point on the center of pupil
- Automatically move to fundus image once alignment is performed properly





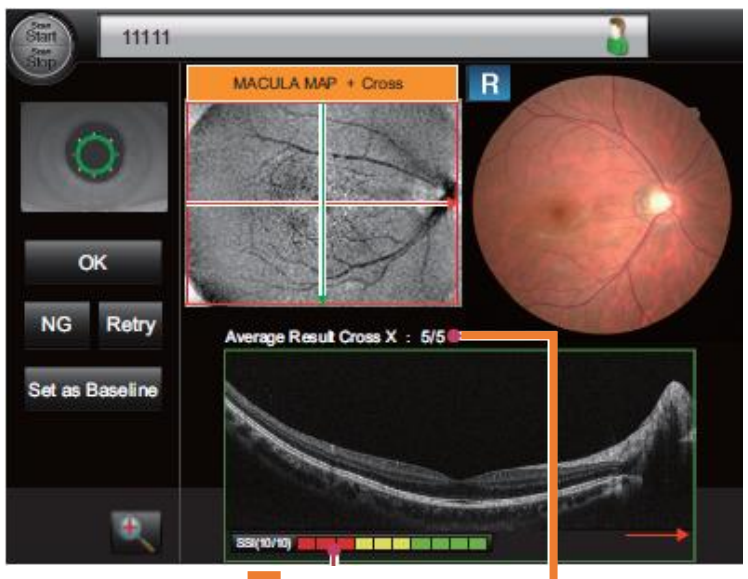
13) Check the scan position and SSI and press the “Release” button
- Adjust the line position and B-scan image position (z-pos) as needed

These 10) – 13) can be performed by either the main body screen or the PC display.

<<Tips for capturing>>
- Please ask the patient to wear contact lenses or glasses when capturing if he or she has myopia of less than -15D
- In the case of a patient with high lens opacity, please adjust the position to find a spot where SSI is higher and try the fine or ultra fine mode

Retina Scan Duo 2 (RS-330)
Easy Start-Up Guide - Data check/Save -

Data check



OK — Save the data shown

NG — Put the data shown on hold

Retry — Discard the data shown and recapture

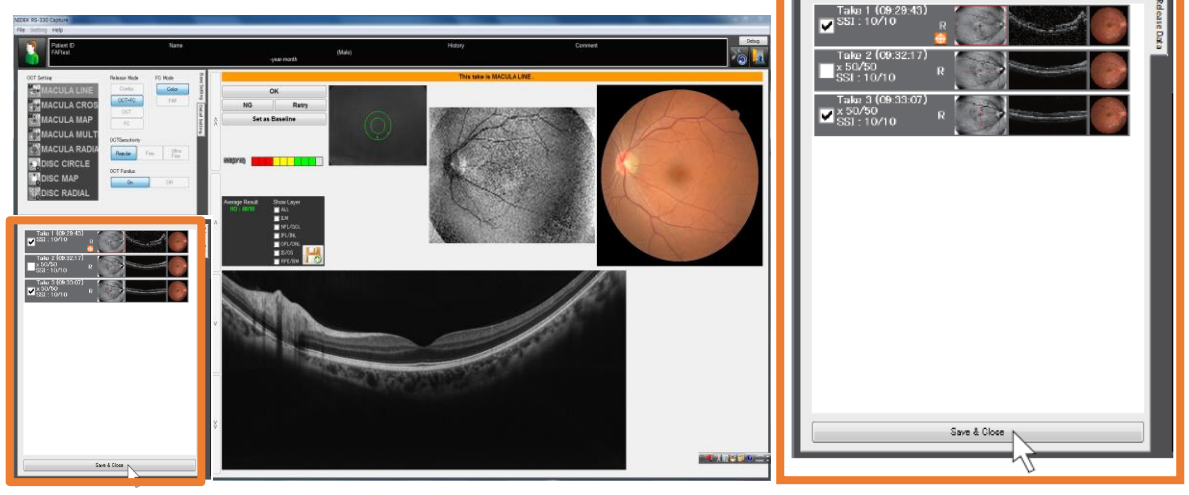
Set as Baseline — Registers the captured image as the baseline 

SSI
10/10
Green: High quality
Yellow: Middle quality
Red: Low quality
(Scale of 10)

Average Result
50/50
Number of HD scan images
Number of images used for averaging

*Select data to be saved based on “SSI" values and+"the number of images averaged"

Save

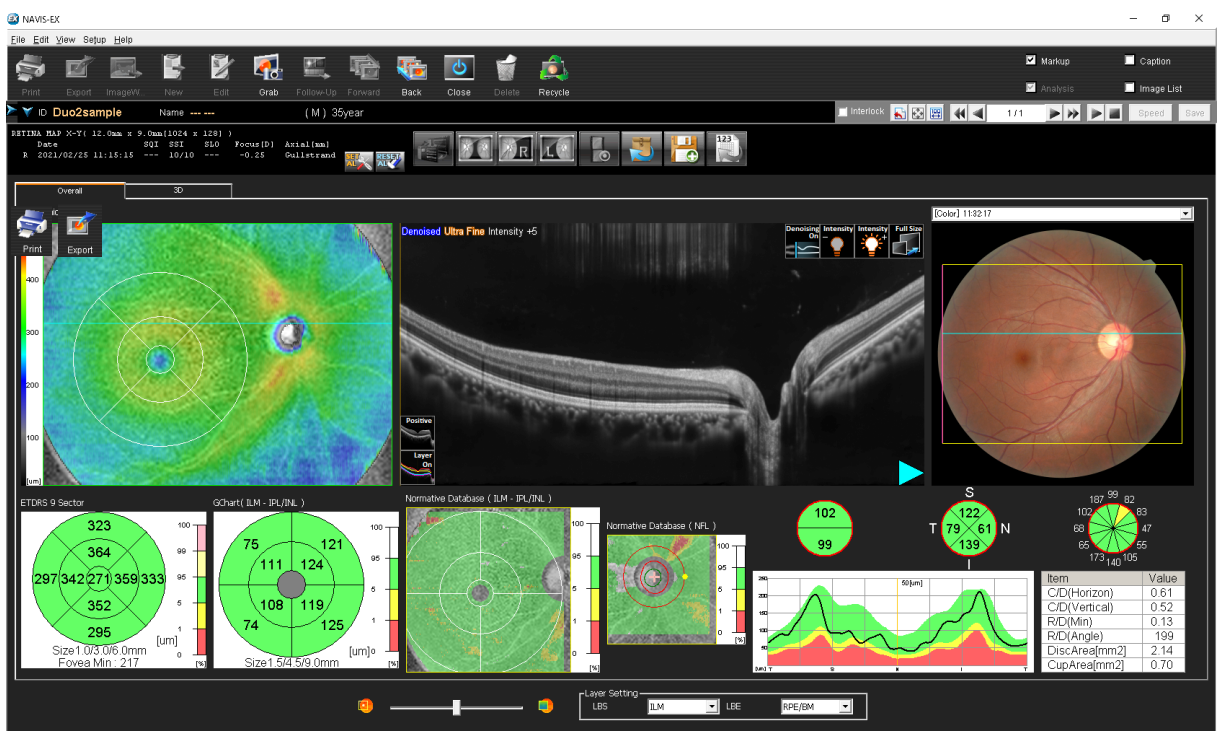


14) Check the box to select data for saving
- Up to 30 data can be saved at a time

15) Click "Save & Close"

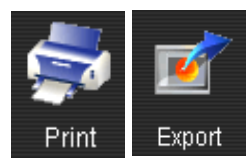
Save & Close

View Images

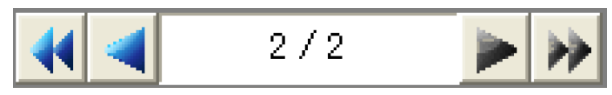


16) After capture, NAVIS-EX viewer automatically starts up
- For "Viewer auto start" setting, please see the NAVIS-EX Version 1.11.0 operator's manual

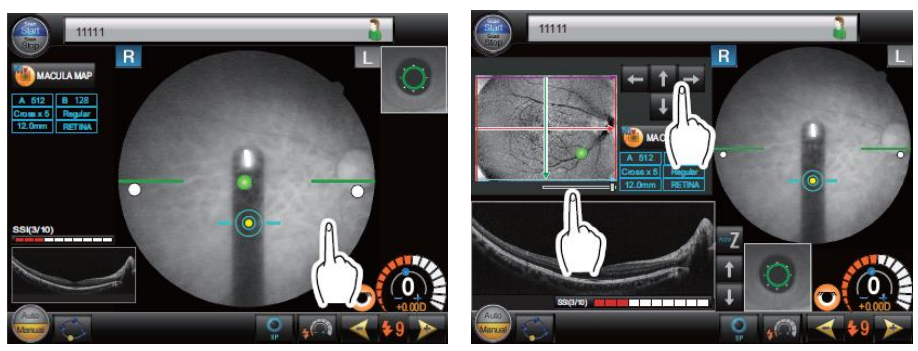
17) Print the image or export image as needed



18) Move to the next selected image



Internal Fixation Lamp



Please instruct the patient not to blink while the background is dark