RetiView 500

Optical Coherence Tomography

SYSEYE

ALL-ONE DESING

- All-in-one design with optional larger external monitor guarantees an installation-free experience. Plug the power cable and power on the system, then you are ready to go.

- Fully automated operation with minimum human intervention. Smart pupil alignment, advanced signal optimization assure quality OCT images independent of operators.

- The small footprint and all-in-one system fits in the smallest examination room. The flexible monitor locations allows various operator positions.

- Extremely easy to operate. Make for professionals without professional operators.

- High definition image and comprehensive analysis software

- Subtle lesion will be precisely identified via high resolution image

- with more than 4 scan mode on macular and optic part, the software creates a summary annalysis of macula retina, RNFL,ONH. Progress analysis for follow-up examination is available.
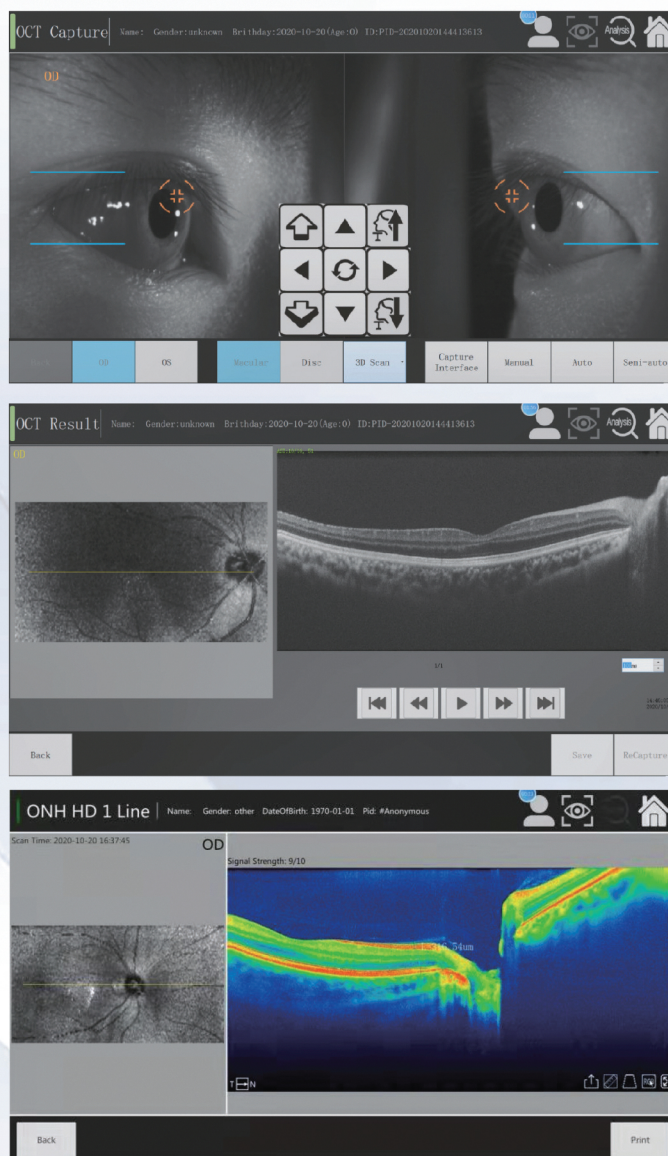
SIMPLE OPERATION

Step 1

Choose left or right eye. Push the direction buttons to move the targeted eye to the center of the field of view, then start data acquisition

Step 2

Enter the data acquisiton interface. The device is able to search for the OCT signal and optimize it automatically

Step 3

Browse and analyze the acquired images

SPECIFICATION

Methodology	spectral domain OCT
Axial resolution	≤6 um（in tissue)
Transverse resolution	≤20（in tissue)
Scan depth	≥ 2.5mm（in air)
Scan range	6-12mm
Scan speed	≥ 24,000 A-scan/sec, up to 36,000 A-scan /sec
Scan mode	3D (Macular & Optic Disk), HD,Raster,Circle , Cross
Analysis mode	Up to 7 retinal layers segmentation, Macular analysis mode, RNFL & Optic Disk analysis mode， Glaucoma analysis mode and Progress analysis for follow-up examination.
Fundus image	OCT en face
Focus adjustment	-15D to +15D
Pupil diameter	≥3mm
OCT light source	840nm SLD
Optical power	750um(at cornea)
Operation	13.3inch touch screen ,optional external mouse or keyboard
Power supply	100-240V,50/60 HZ
Dimensions	497 x395x490mm
Weight	34kg