Specifications

Methodology	Spectral domain OCT
Axial resolution	⩽ 6 μm（in tissue）
Transverse resolution	⩽ 20 μm（in tissue）
Scan depth	⩾ 2.5 mm（in air）
Scan range	⩾ 6 mm
Scan speed	⩾ 24,000 A-scans/sec, up to 36,000 A-scans/sec
Scan modes	3D, Raster, Circle
Fundus image	OCT en face
Focus adjustment	-15D to +15D
Pupil diameter	⩾ 3 mm
OCT light source	840 nm SLD
Optical power	750 μW（at cornea）
Operation	13.3" touch screen, optional external mouse or keyboard
Power supply	100–240 V, 50/60 Hz
Dimensions	497 mm × 395 mm × 490 mm（L×W×H）
Weight	34 kg（75 lbs）

Note Subject to change without advanced notice.

Optical Coherence Tomography

All-in-one Design

Compact Design

Everything is inside this compact body. No external computer is needed. Plug in the power cable, then you are ready to go.

PC Inside

Data acquisition and processing are accomplished by the internal computer. The data can be transported via ethernet or external harddrive. Peripheral devices, such as keyboard or printer, can be connected to the computer ports.

Easy Installation

No complex connection or setup. Compact body can fit in even small space.

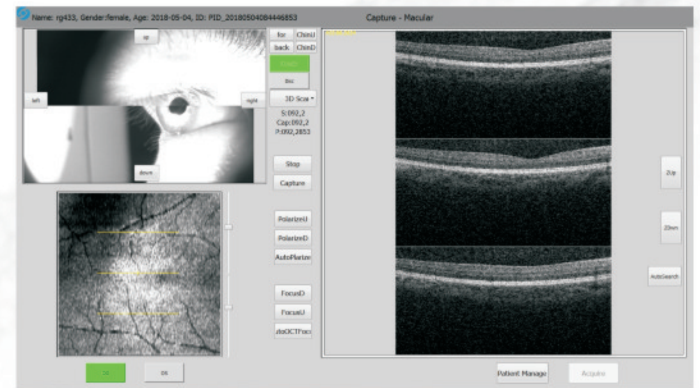
Simple Operation

Step 1

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

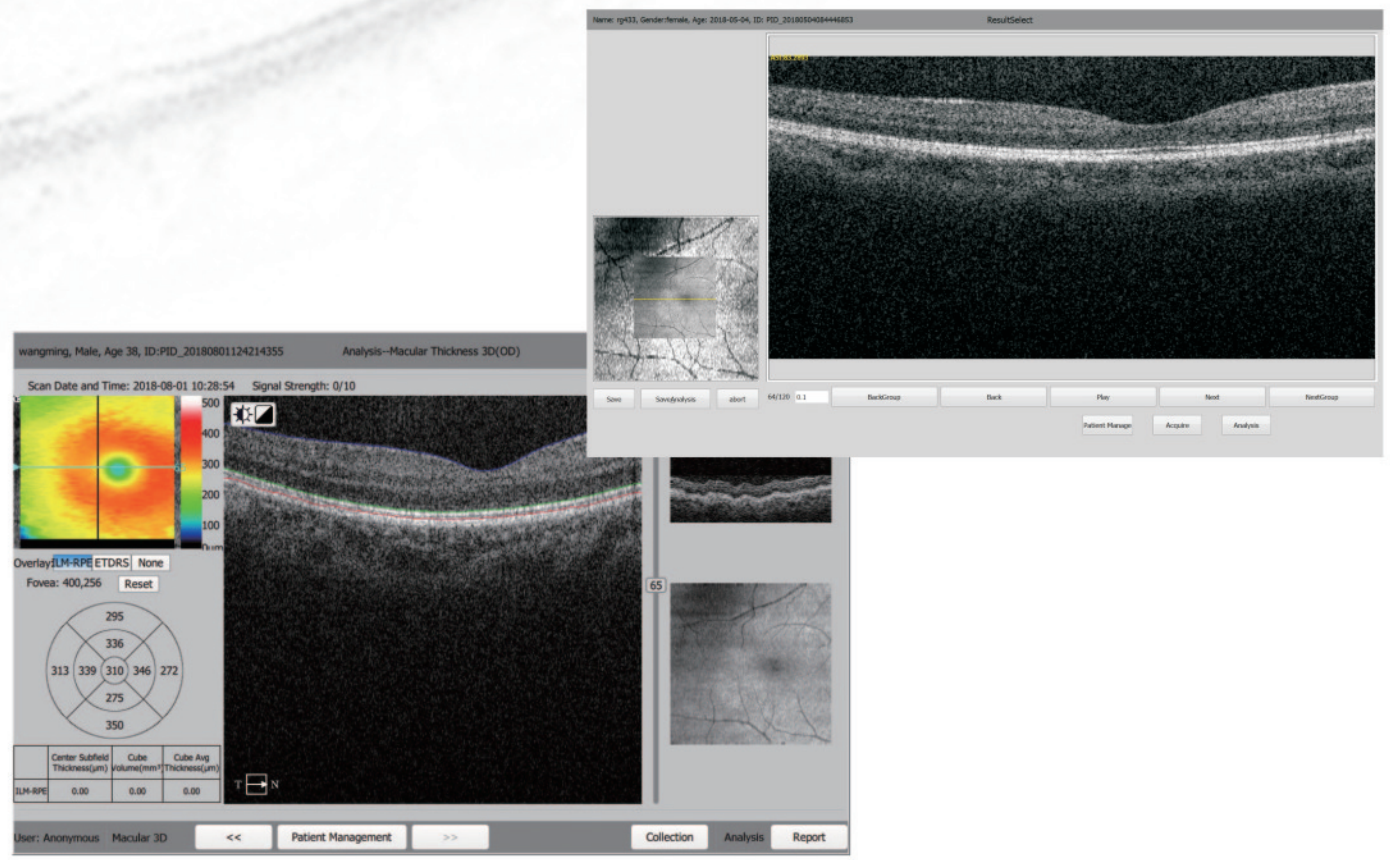
Step 2

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



Step 3

Browse and analyze the acquired images.



Affordable Quality

OCT reduces the cost of the device without sacrificing the image quality. OCT has never been so affordable. More people can benefit from the advanced technology now.