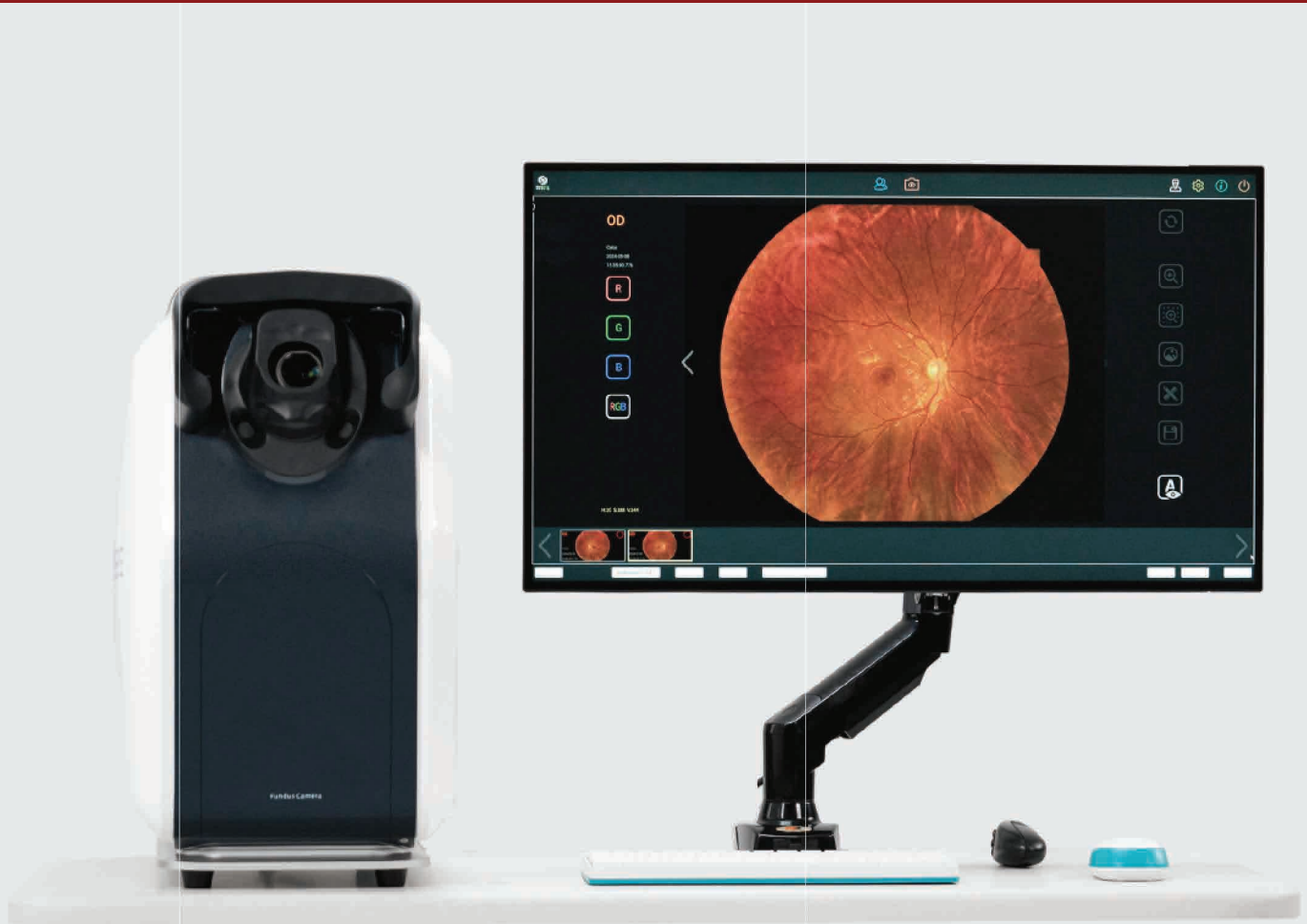




Ultra Wide-Field Fundus Camera

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Revolutionise Retinal Imaging with Optiwide 176 Ultra Wide-Field Fundus Camera

Key Features



One-Touch Operation:

Exclusive world-class technology: capture high-quality binocular images automatically - all with a single button.



Non-Mydriatic Imaging

No need for dilation. The system automatically detects and focuses through the pupil, making examinations faster and more comfortable for patients.



Fully Automated Adjustment

Enjoy seamless imaging with automatic focus, exposure, alignment, and working distance control - no manual input required.



Ultra-Wide HD Imaging

Capture a 176° wide-field, high-resolution image in one shot. Don't miss hidden retinal pathologies often beyond the reach of standard cameras.



True Colour Accuracy

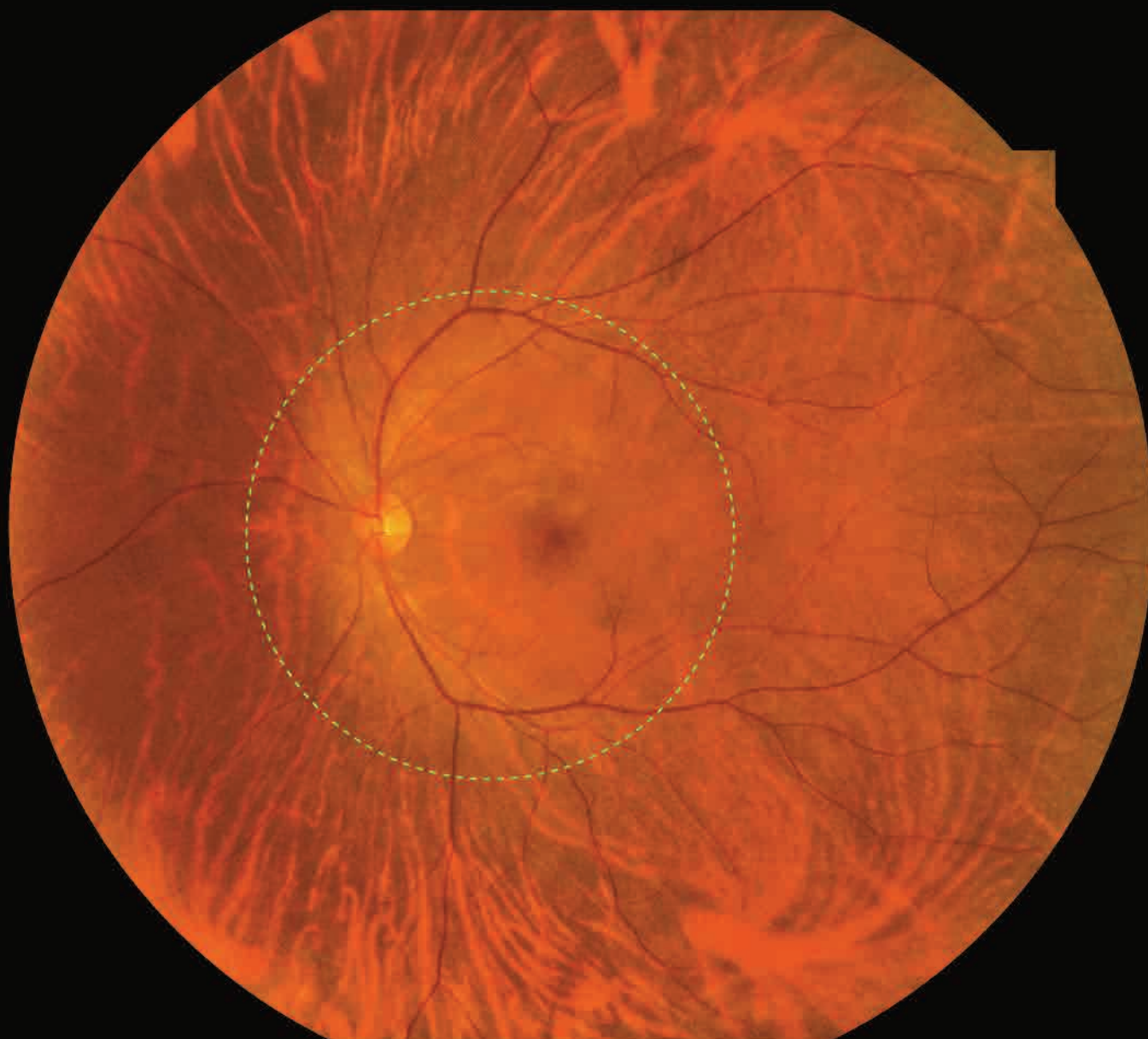
Experience full-spectrum, true-colour imaging. Deliver clearer, more accurate diagnoses with natural, lifelike fundus visuals.



Capture More • Diagnose Smarter • Protect Better

Never Seen Before

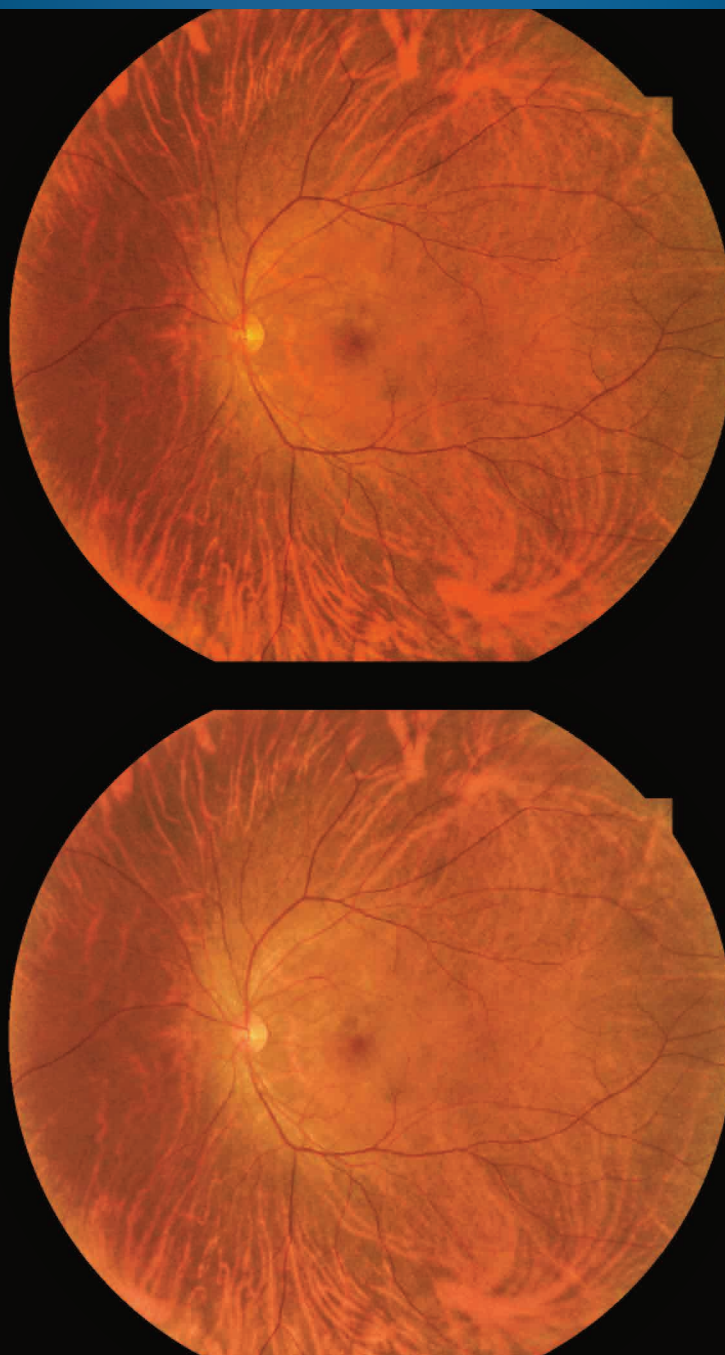
Single true colour imaging field up to 176°



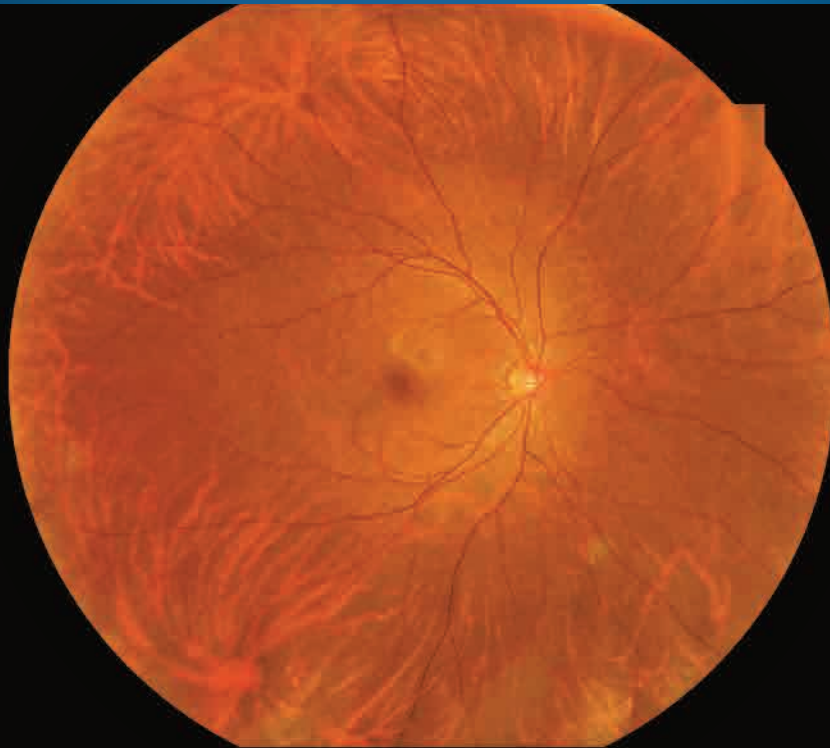
Soft Exposure

Integrating advanced optical technology

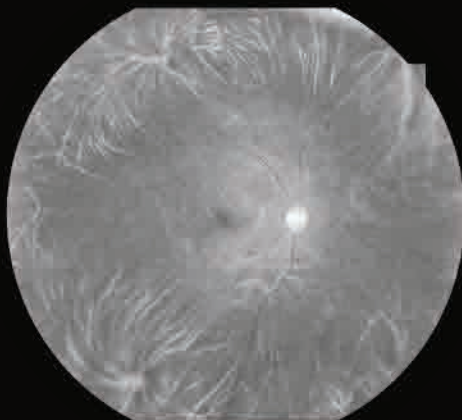
- Innovative and advanced optical design, continuously shooting images of the same patient fundus, with consistent image quality.
- Using soft exposure technology to reduce pupil shrinkage after exposure and enhance user comfort.



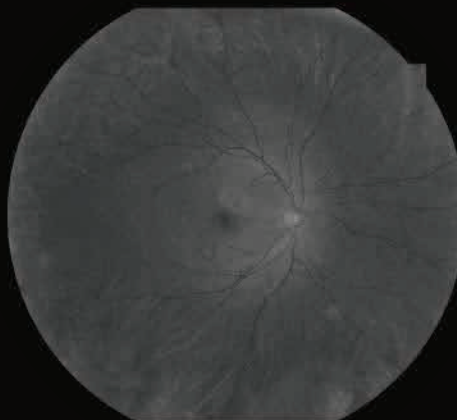
LED True Colour & HD Resolution



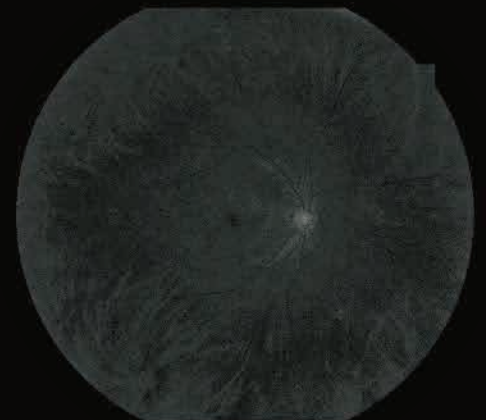
Continuous spectrum, true colour image



R

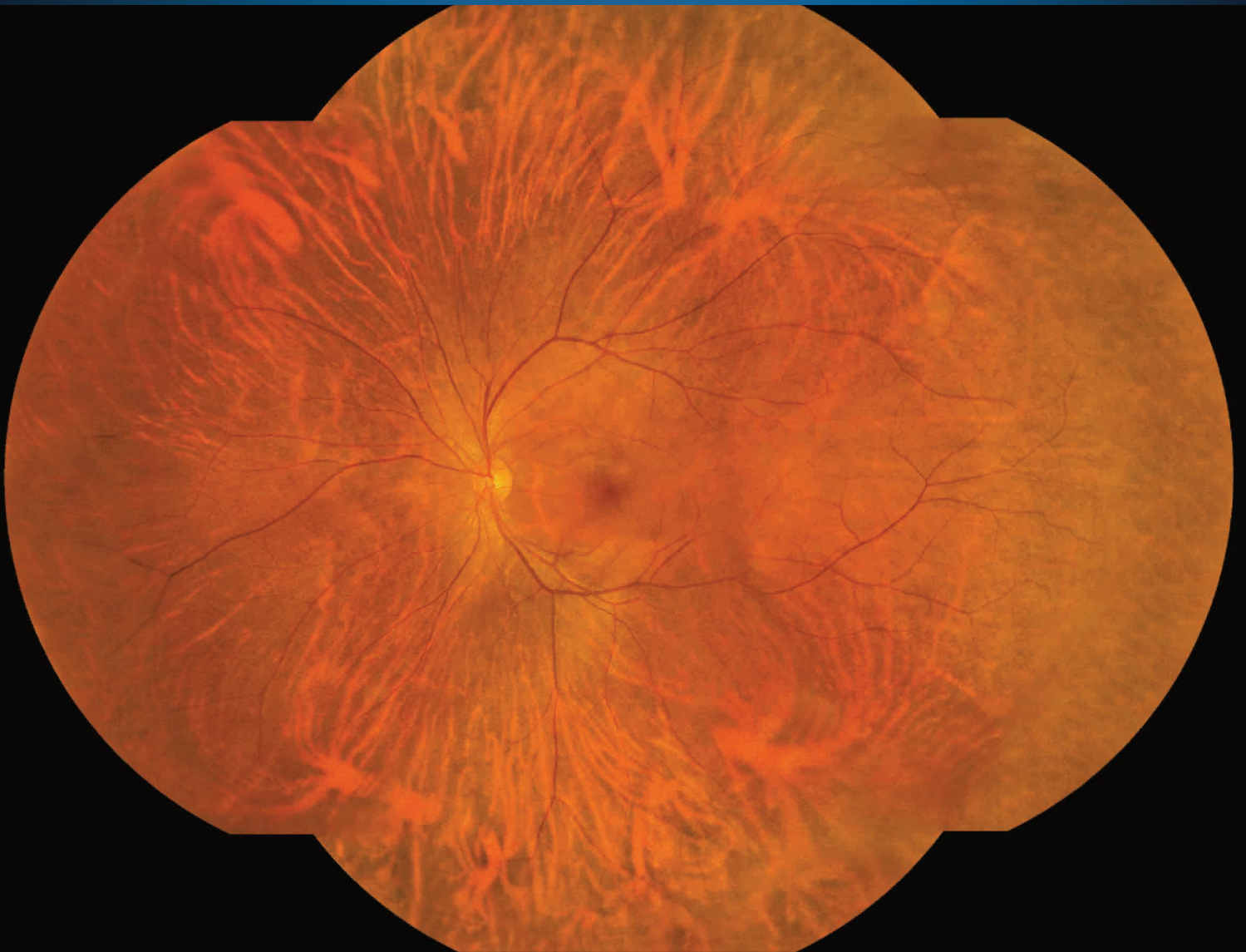


G

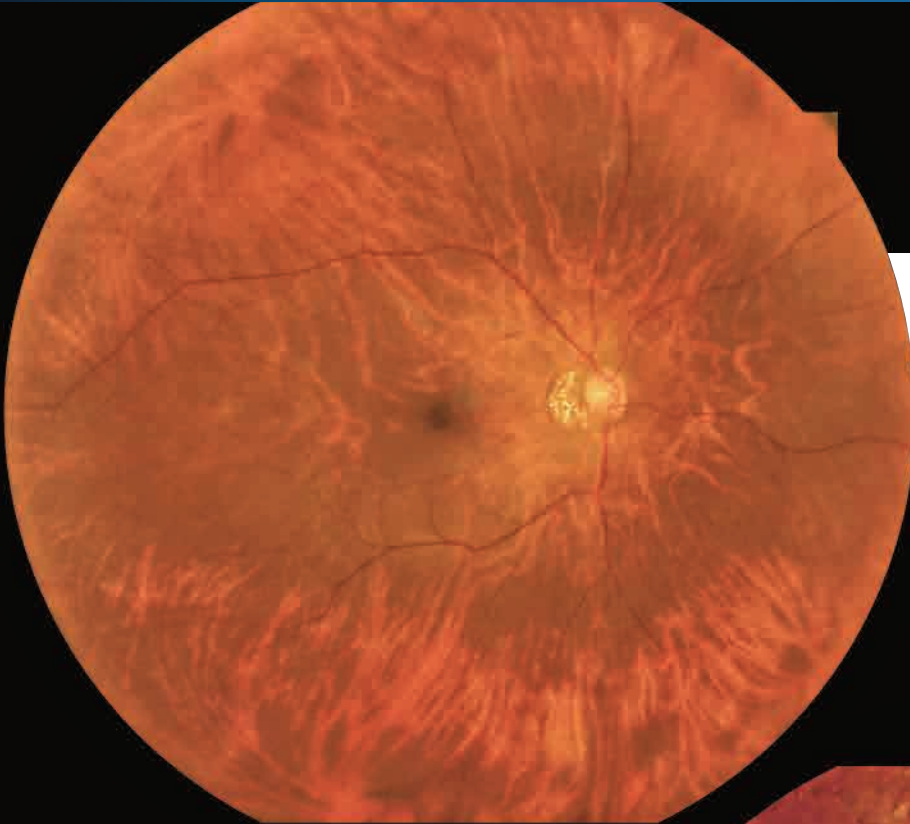


B

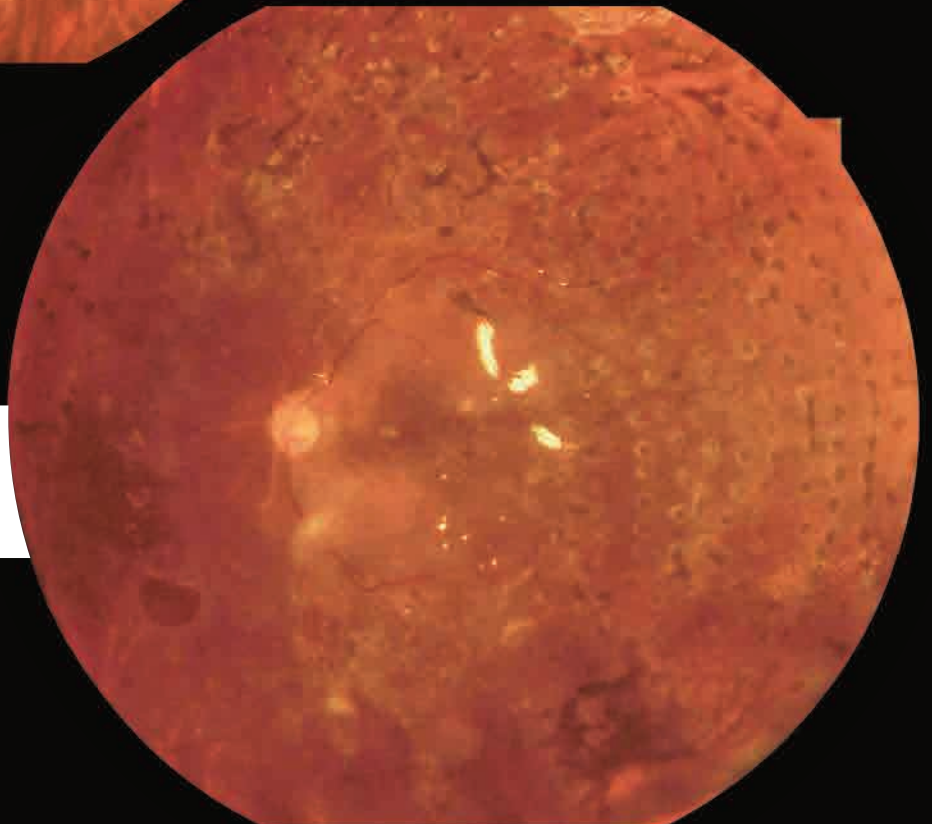
Automatic mosaic to present a whole fundus image



High-Definition Cases, Quality First

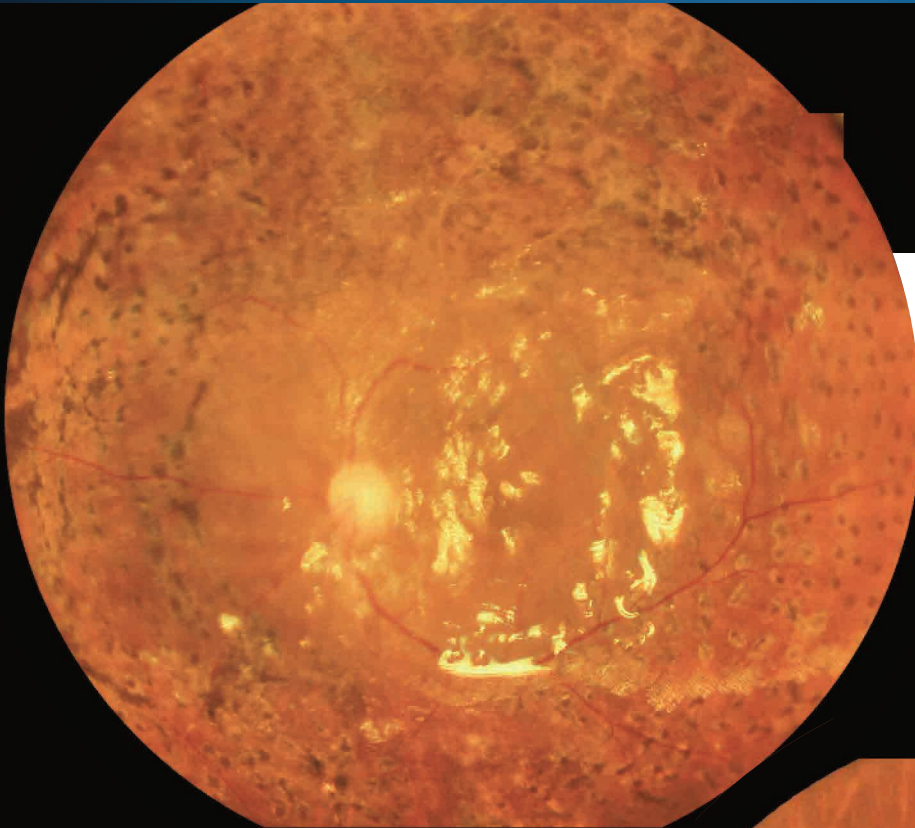


◀ Choroidal atrophy arc on the nasal side of the optic disc in the right eye



Undus bleeding in the left eye after retinal ▶
laser photocoagulation in the left eye.

True Colour Restoration, Accurate Diagnosis



◀ Silicone oil filling status of the left eye after retinal laser photocoagulation of the left eye



Deep retinal hemorrhage in left eye ▶

AI Intelligent System

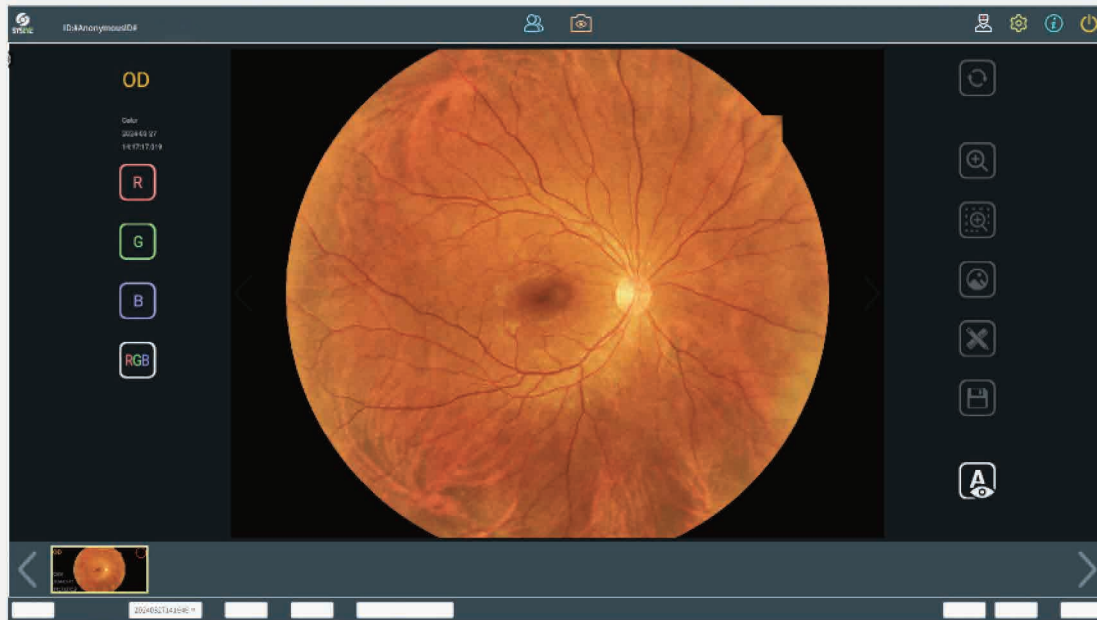
Highly precise positioning to quickly obtain fundus images



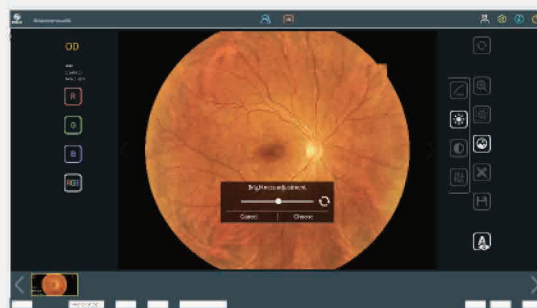
An intelligent system, locate fundus position quickly, improve focus speed, save inspection time, improve work efficiency.

Powerful multifunctional software analysis system

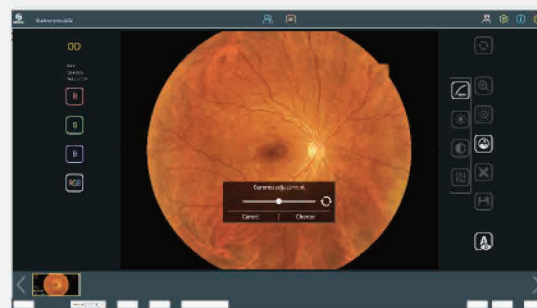
*Powerful image processing functions, obtain lesion area, cup-to-disc ratio easily.



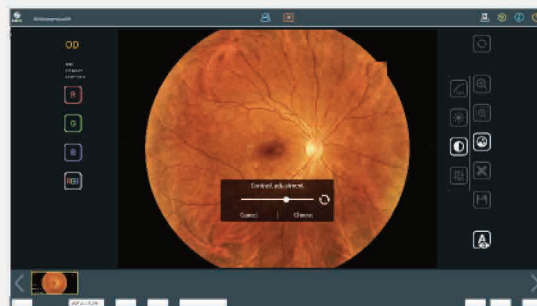
Picture gamma, contrast, brightness, and colour can be adjusted according to the doctor's needs



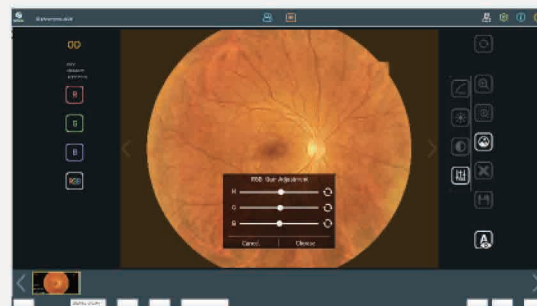
Brightness adjustment



Gamma adjustment



Contrast adjustment



RGB gain adjustment

Ultra Wide-Field Fundus Camera

Specifications

Imaging technology	LED true colour
Light source	LED white light
Capture mode	Single capture, automatic mosaic
Imaging modes	Colour image
Field of view (from the center of the eyeball)	Wide field 176° (tolerance ±5%)
	Ultra wide field 220° (two images)
	Multi mosaic is larger than 260°
Resolution (optical)	8 μm (tolerance ± 7%)
Soft exposure technology	Reduce pupil shrinkage after exposure, reduce patient discomfort, and better adapt to children and special patients.
Working distance	10mm±2mm
Camera flash light source illumination	The maximum illumination is less than 1300001x
Automatic operation	Automatic focus, Automatic alignment, Automatic capture, Automatic gain/manual
AI intelligent system	Accelerate precise positioning of the fundus, improve focusing speed and accuracy, and reduce examination time
Capture speed	16 frames/second;image capture 60ms
Display screen	High-definition display, 27-inch colour monitor (resolution 2560*1440P)
Power supply	Voltage 220V power 200W

*Specifications and design are subject to change without notice