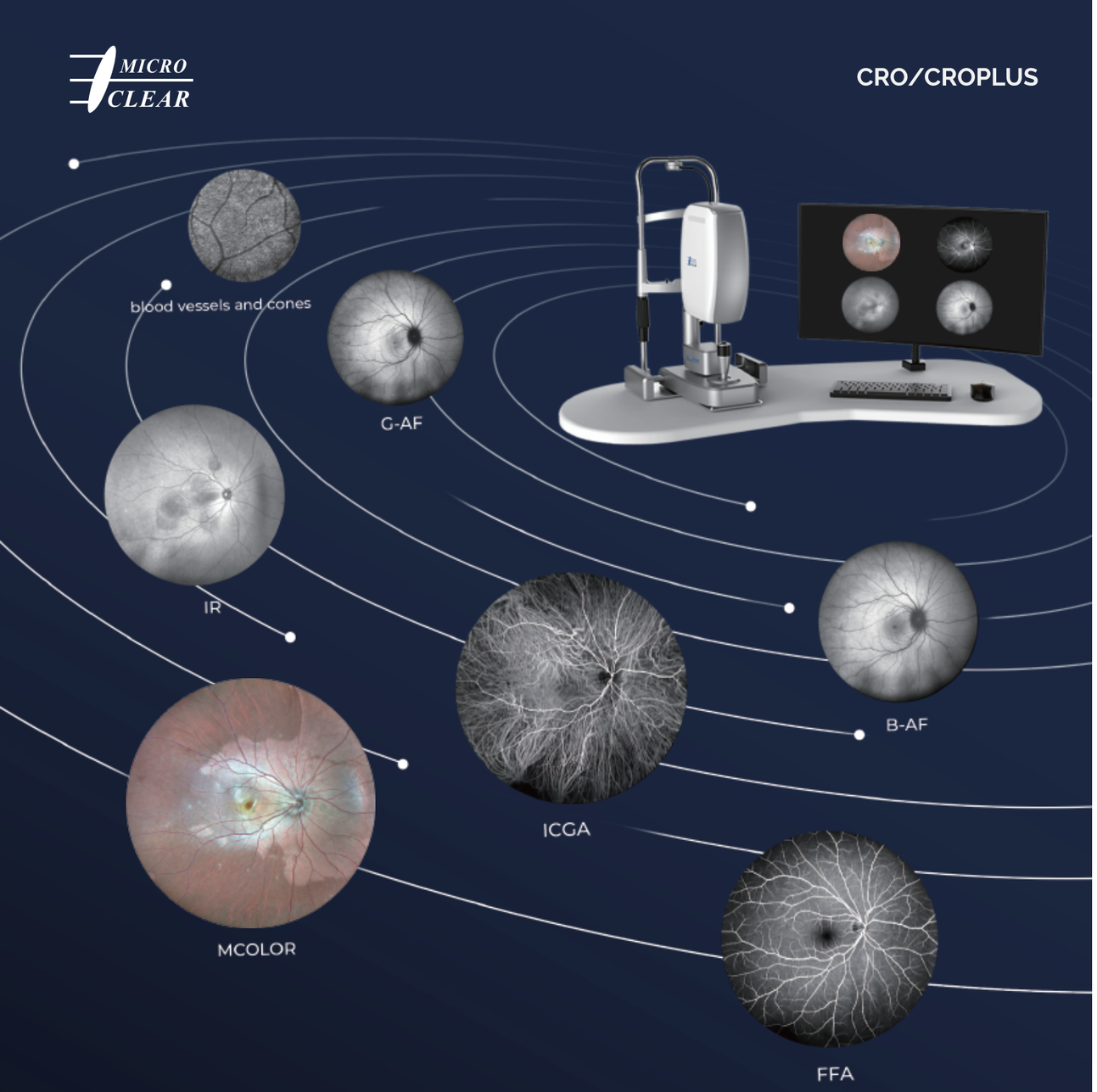
MICRO CLEAR

CRO/CROPLUS



Apollo RGB

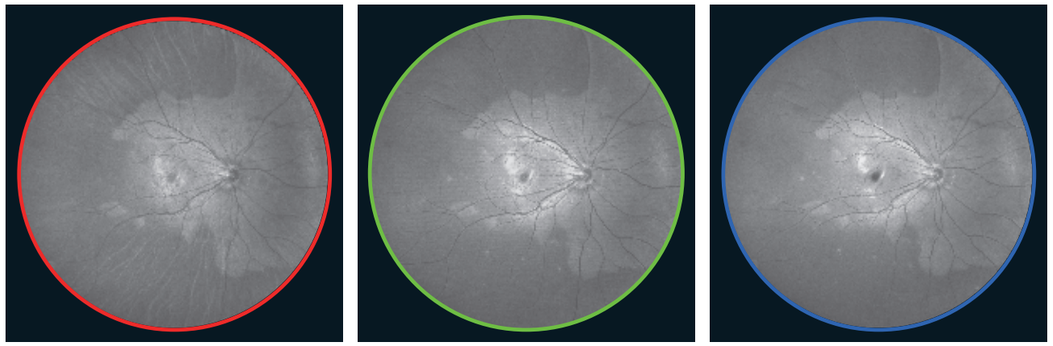
Ultra-wide field | Mcolor & AF FFA & ICGA | 2.0mm Pupil Size | Offline Retina Assistant

	CRO	CRO PLUS
Imaging Modalities	Multi-COLOR(Red、Green、Blue) Infrared (IR)、Red-Free(RF) Fundus Autofluorescence FAF（B-AF、G-AF) Fundus Fluorescein Angiography(FFA)	Multi-COLOR(Red、Green、Blue) Infrared (IR)、Redfree(RF) Fundus Autofluorescence FAF（B-AF、G-AF) Fundus Fluorescein Angiography(FFA) Indocyanine Green Angiography(ICGA)
Field of View (eye center)	One shot single capture Optical zoom 135° WA / 90° HD / 45° UHD	
Automatic Montage	Up to 240° mosaic 2 to 9 images	
Non Mydriatic	Minimum pupil 2mm	
Resolution	5 microns	
Fixation Targets	Internal 1 central and 8 peripheral fixation targets External flexible target	
Diopter Compensation	-20D / +20D	
Software Included	Patient management Retina review and annotation Multiple review stations DICOM compatible	
Retina Assistant	20 pathologies detection Offline, no internet requried Unlimited license use	
Cells and blood flow tools	8° high magnification image Cone density count Blood velocity measurement	
Hardware Included	PC computer Monitor Table (printer)	
Power	Voltage: 100-240V~50-60Hz	

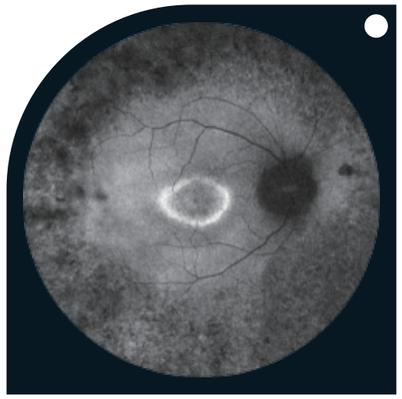
Microclear is committed to the highest standard of retina imaging

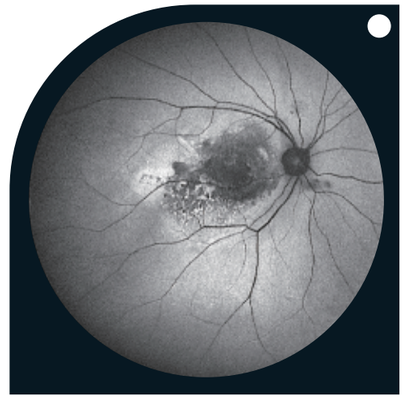
Suzhou MicroClear Medical Instruments Co., Ltd
Tel：+86-512-67067163
Fax：+86-512-67066173
E-mail：marketing@microcleartech.com
Suite 1601-1602, G2 Building, No.88 Jinjihu Avenue, Suzhou Industrial Park, Suzhou, Jiangsu P.R.China

RGB Laser Imaging

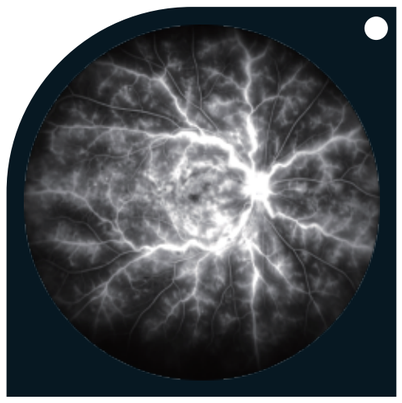


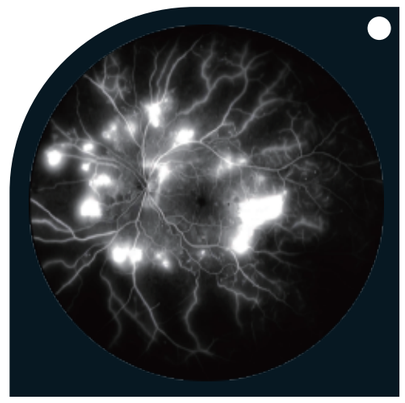
Apollo RGB ultra widefield image is the combination of 3 confocal laser sources that provide **maximum fidelity** and **maximum contrast**



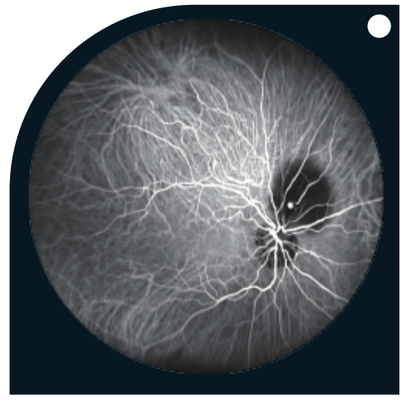


Fundus autofluorescence imaging is a rapid and noninvasive techniqueto evaluate retinal pigment epithelial (RPE) function,which includes Blue AF and Green AF.





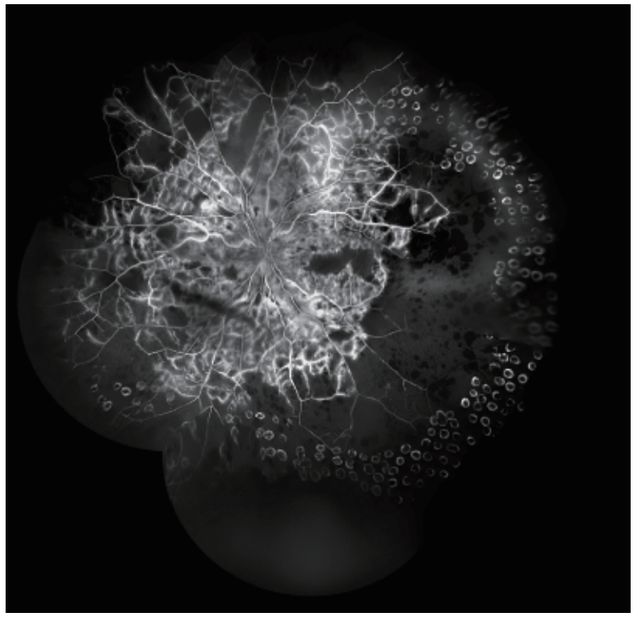
Fundus fluorescein angiography is a technique of imaging the retinal vasculature by using sodium fluorescein dye.



Indocyanine green angiography utilizes a higher wavelength that penetrates the retinal pigment epithelium and helps in imaging the choroidal vasculature

Up to 240° view

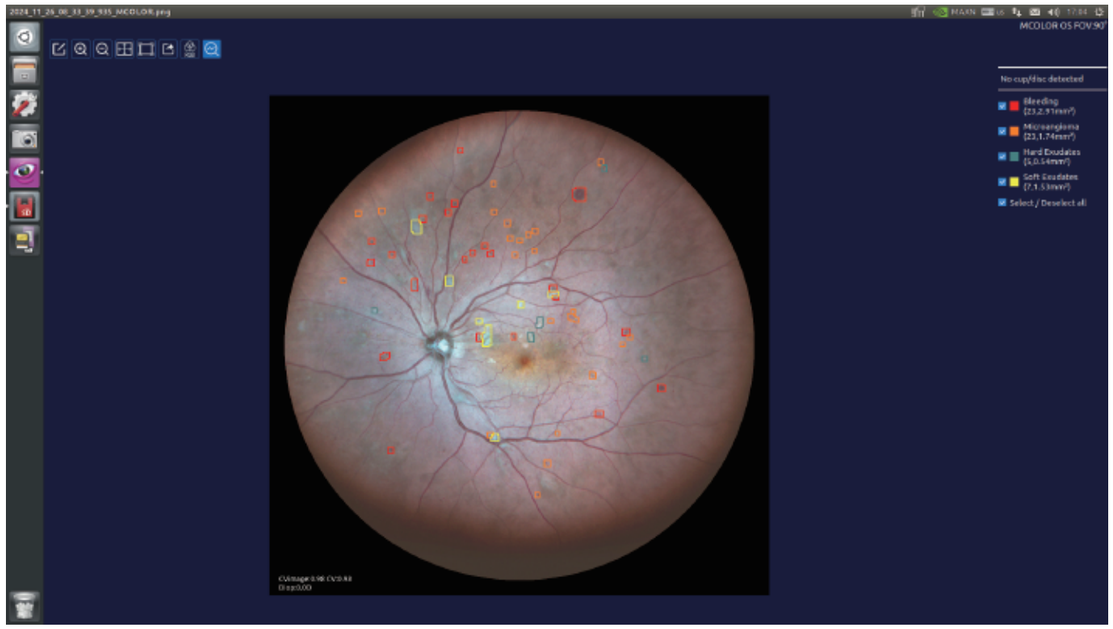
Capture two to nine photos and combine in a panorama view easily thanks to the fast and precise joystick control

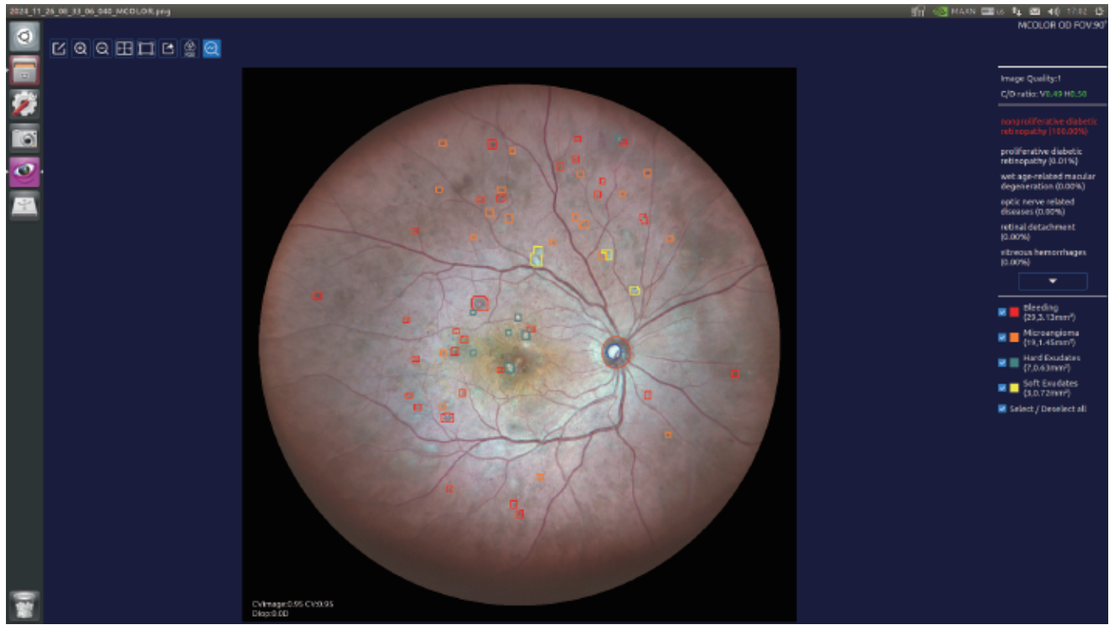


Obtain UWF images with easy & fast capture of 135° retinal photos in all modalities:
Mcolor, AF, FFA, ICGA and create panorama views up to 240°.

Retina Assistant

Apollo comes with a full featured review software, including the offline Retina Assistant, tools for comparison, measurements, annotations and export.

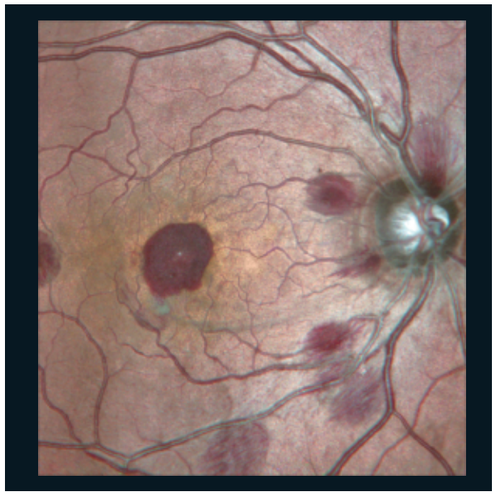




Unlimited use: no license required
Offline operation: works without internet
20 different eye pathologies detection

Lossless optical zoom

One click switch Field of View to zoom into areas of interest



45°UHD

90°HD

135°WA

Full power to focus on the big view or search for the details

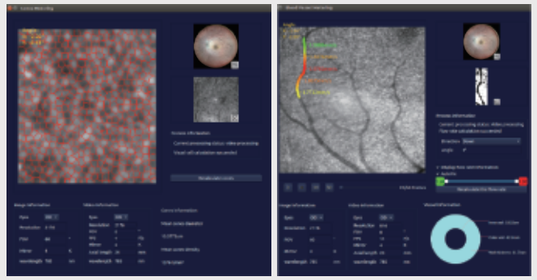
Apollo RGB advanced optical zoom feature offers three levels of magnification, from ultra-wide field (UWF) for comprehensive retina views to ultra-high definition (UHD) for precise detail visualization, empowering operators to capture every aspect of retinal health with unparalleled precision and clarity.

With this versatile zoom capability, users can ensure no detail goes unnoticed, facilitating comprehensive diagnosis and monitoring of ocular conditions.

PUPIL(≥2MM）

Optimal photos even on really small pupils resulting on higher success rate of gradable images

Strong Confocality is derived from the Scanning Laser Technology and allows to penetrate easily thought cataract and eye opacities and to take images even on pupil size of 2mm and under unfavorable light conditions.

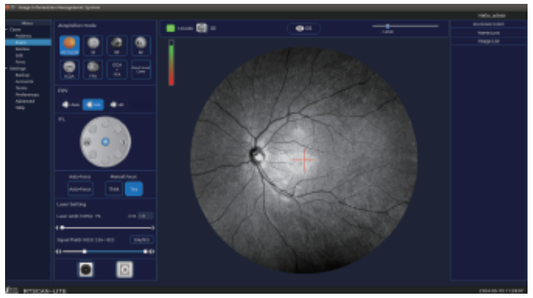


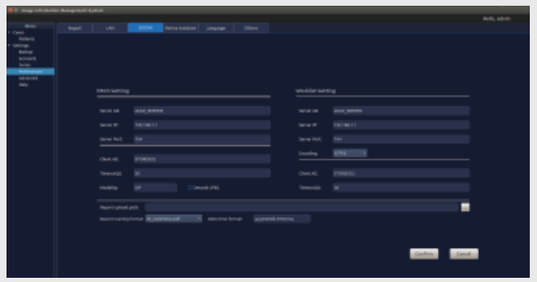
CELL AND BLOOD FLOW TOOL

· Cone cell density
· The average diameter of Cone cell
· Red blood cell flow velocity
· Vascular wall thickness and diameter

LIVE IR PREVIEW

The operator interface displays a live infrared (IR) image, enabling users to capture optimal photos effortlessly with a comprehensive control interface that is both user-friendly and fully-featured, ensuring seamless operation for superior image quality.





DICOM CONNECTIVITY INCLUDED

Seamless integration with DICOM protocol, featuring built-in support for worklists, ensuring effortless integration into existing medical imaging systems.