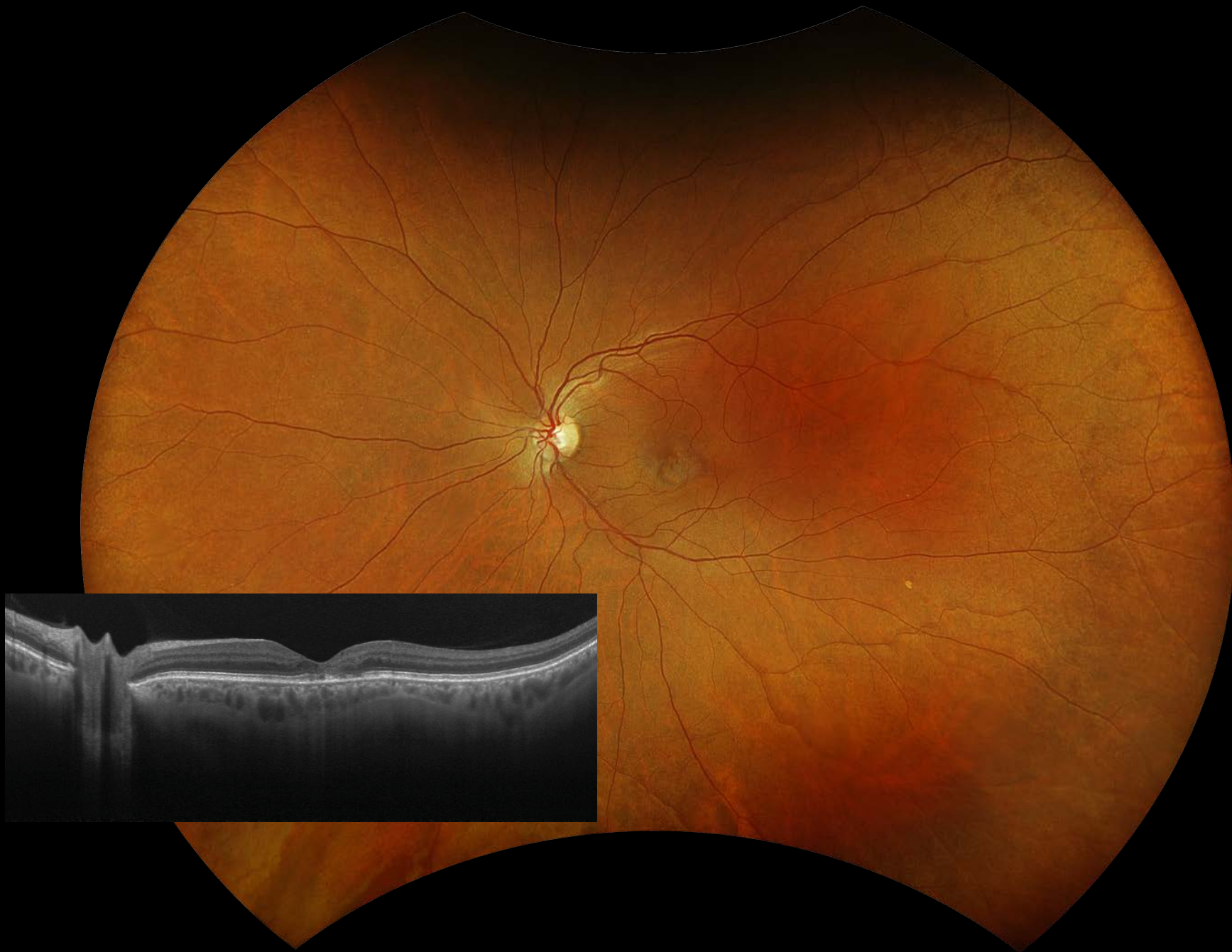


Silverstone
RGB



Silverstone RGB: Redefining Retinal Imaging Excellence



Discover the Power of Silverstone RGB

The new Silverstone RGB from Optos is the only device that captures true color 200° **optomap**® ultra-widefield (UWF™) retinal images in a single shot, seamlessly integrated with guided swept source OCT. For the first time, eye care professionals can access nine powerful imaging modalities in one system—each designed to image pathology anywhere in the retina.

Built for today's fast-paced ophthalmology practices, Silverstone RGB combines ultra-widefield imaging, advanced OCT, and streamlined workflows to deliver sharper insights, faster decisions, and greater confidence in patient care.¹ With Silverstone RGB, you don't just see the retina—you see it like never before.



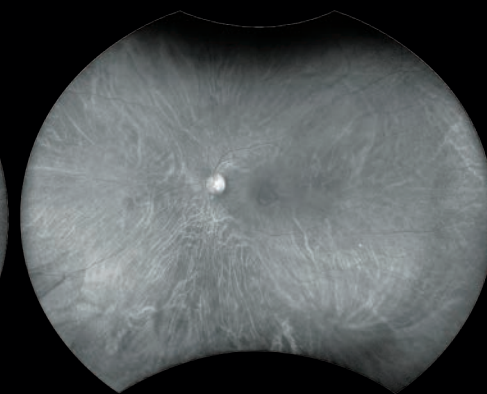
optomap color rgb



optomap color rg



optomap Sensory Retina



optomap Choroidal



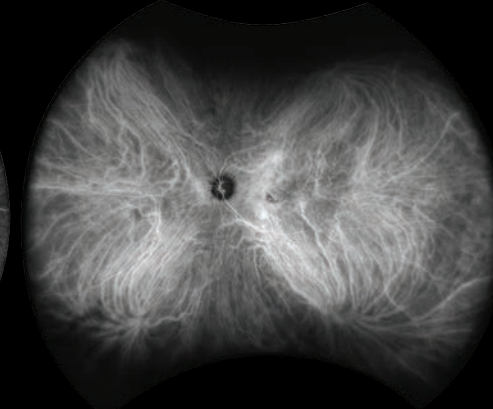
optomap green af



optomap blue af



optomap fa

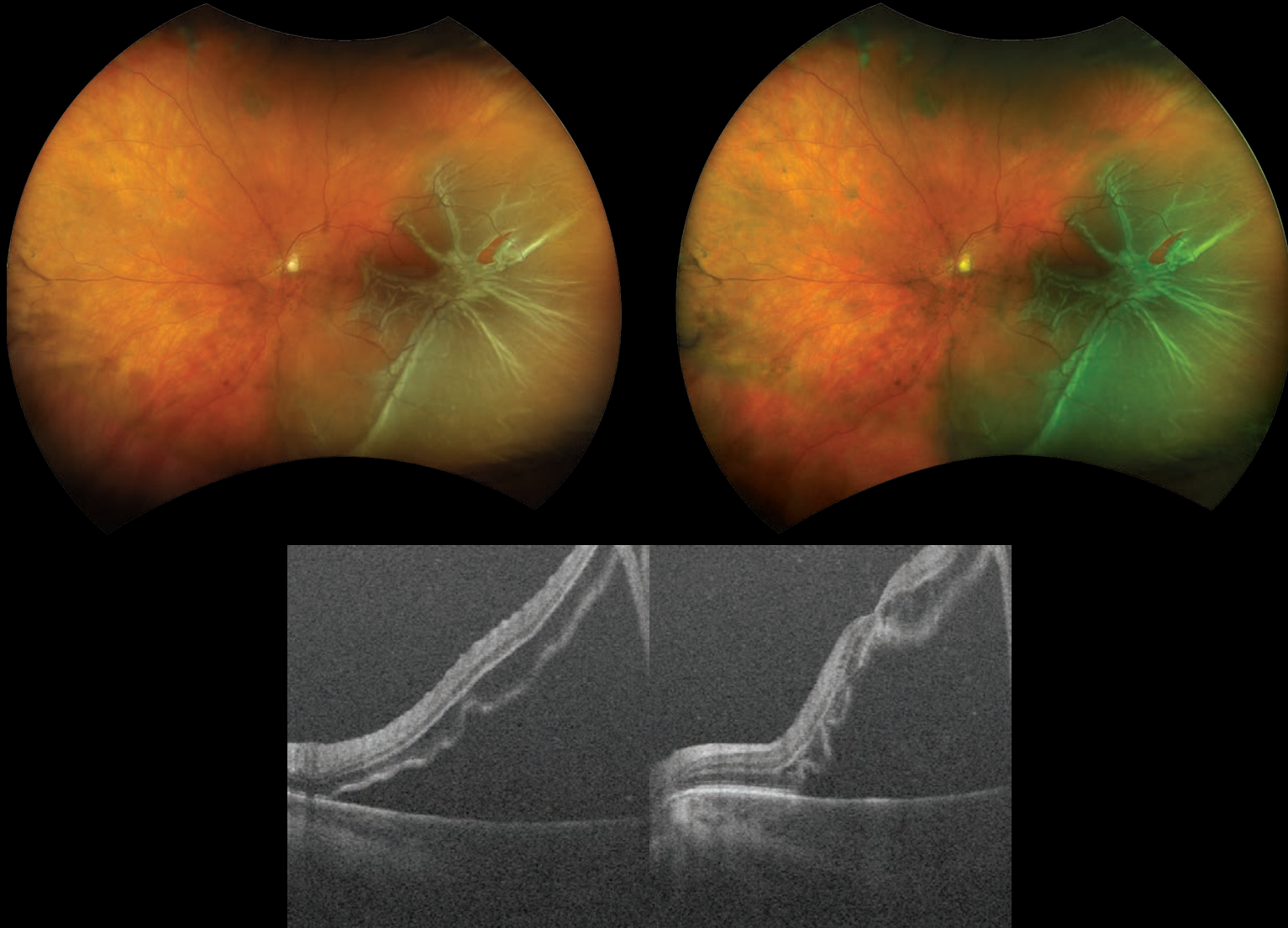


optomap icg

1. Silva. Potential efficiency benefits of nonmydriatic ultrawide field retinal imaging in an ocular telehealth diabetic retinopathy program. Diabetes Care. 2014.

See the Full Picture of Retinal Detachments

The Silverstone RGB from Optos is the only device that captures a 200° single shot **optomap** image that includes navigable SS-OCT imaging to anywhere on the **optomap** image, allowing clinicians to visualize areas of the retina far into the periphery where retinal detachments often occur. With this unmatched field of view, you can detect and document vision-threatening pathology that other methods may miss.¹



1. Ultra-widefield retinal imaging for adjunctive resident training in retinal break detection. PLOS One. 2021.

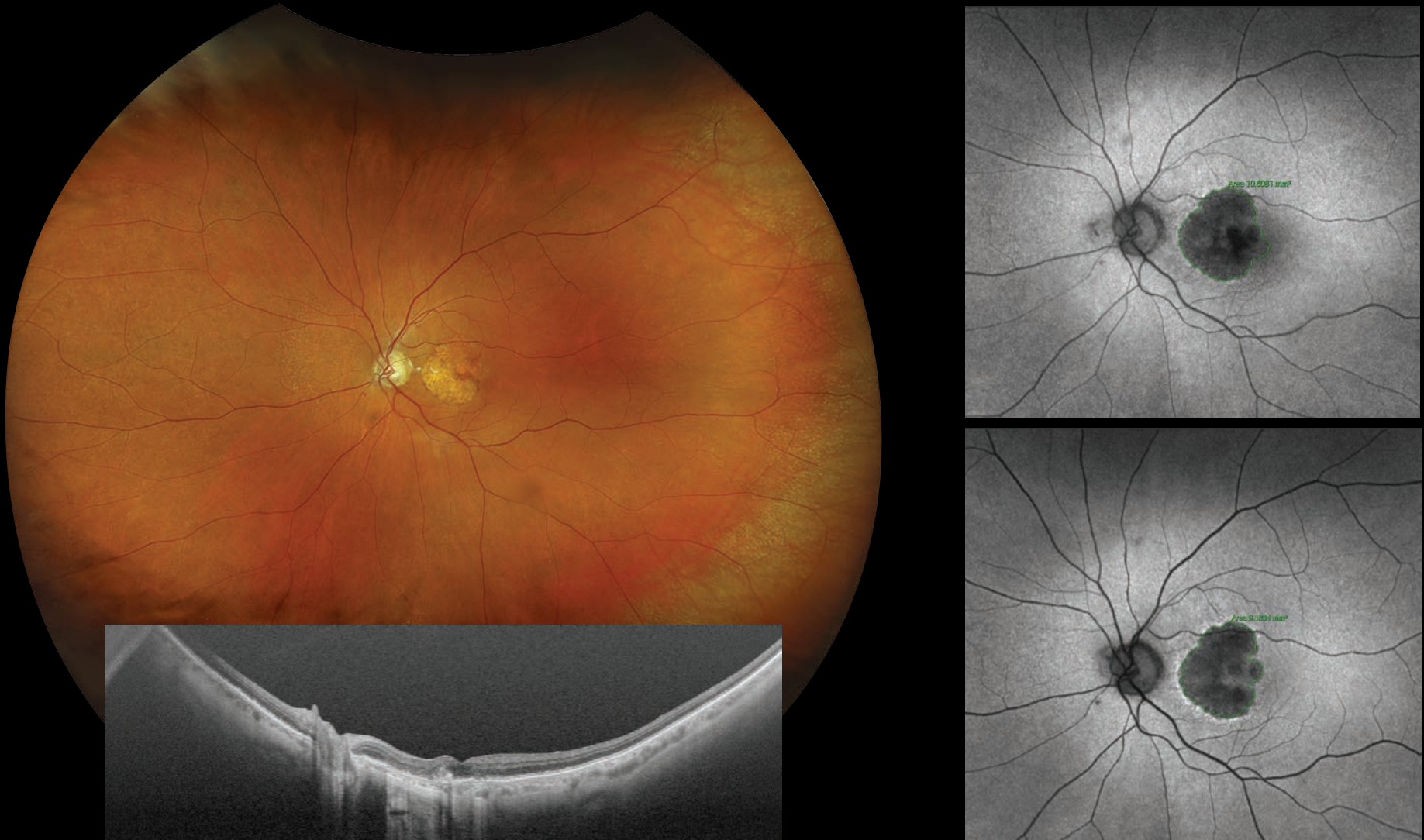
From the Periphery to the Central Pole—Every Detail Revealed

When evaluating the central pole, Silverstone RGB from Optos provides an unparalleled view with nine complementary imaging modalities in a single device. Each modality is designed to reveal different aspects of the retina—allowing clinicians to visualize subtle retinal pathologies with exceptional clarity. This multi-modal capability streamlines practice workflow by delivering all the tools needed for comprehensive assessment in one integrated system.



The Full Package: Imaging, Review, and Measurement

With nine imaging modalities, Silverstone RGB from Optos supports similar geographic atrophy progression with standard and UWF FAF suggesting either may be used longitudinally, although not interchangeably.¹ Integrated tools like AreaAssist further enhance efficiency by allowing eye care professionals to quickly designate and quantify an area of interest to precisely track changes over time. This combination of ultra-widefield, multi-modal imaging and intelligent analysis tools provides the clarity and confidence needed to manage progressive conditions with accuracy and ease.²

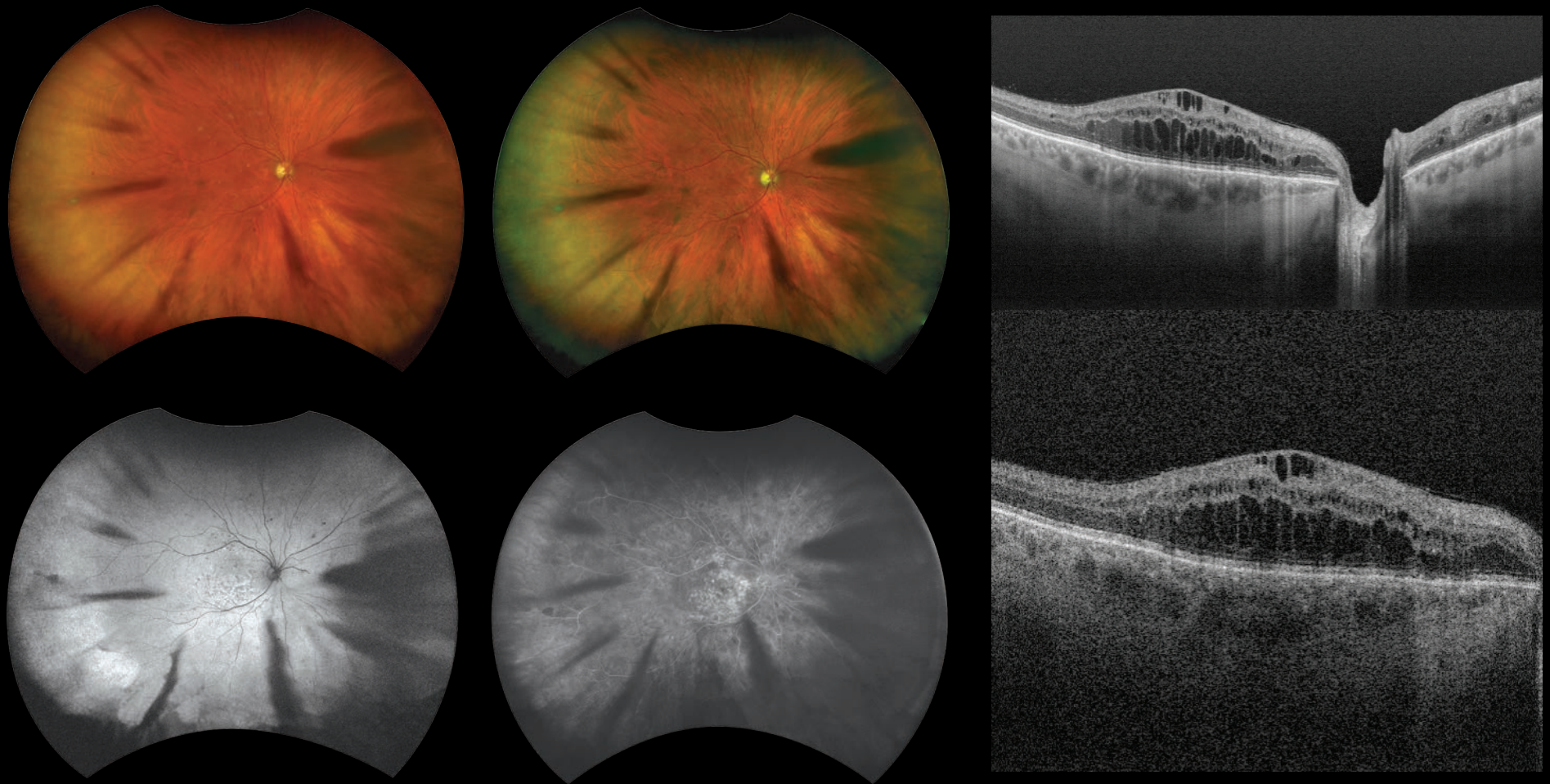


1. Froines. Comparison of geographic atrophy measurements between blue-light heidelberg standard field and green-light optos ultrawide field autofluorescence. ARVO Journals. 2024.

2. Friberg. Peripheral Retinal Changes Associated with Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2. Ophthalmology. 2016.

The Power to See Pathology Others Miss

The Silverstone RGB from Optos uses a scanning laser ophthalmoscope (SLO) designed to penetrate media opacities, enabling clinicians to capture clear retinal images even through a grade 3+ cataract.¹ This capability is especially valuable when evaluating the retina prior to anterior segment surgery, providing confidence that retinal pathologies are ruled out before the procedure. By combining ultra-widefield imaging with the ability to see beyond cataracts, Silverstone RGB ensures a more complete assessment and supports safer surgical planning.²



1. Friberg. Advances in retinal imaging of eyes with hazy media: Further Studies. ARVO 2011.

2. Miao, A., Xu, J., Wei, K. et al. Comparison of B-Scan ultrasonography, ultra-widefield fundus imaging, and indirect ophthalmoscopy in detecting retinal breaks in cataractous eyes. Eye 38, 2024.

Image Capture Features

- Non-mydriatic, with a minimum 2mm pupil.¹
- cSLO imaging through most cataracts.²
- 4-in-1 Color Depth Imaging™ provides important clinical data from the retinal surface through the choroid.

Software Analysis Features

- OptosAdvance™ image management software streamlines image review and consultations.
- Silverstone RGB is equipped with AreaAssist, a tool designed to improve the efficiency of retinal imaging workflows by enabling users to automatically measure continuous areas of matching color and adjust the sensitivity of the selected area.
- Distance (mm) and area (mm²) measurements provide objective assessment of change over time.

Software Compliance Features

- Silverstone RGB includes robust cybersecurity enhancements to comply with ISO 27032 guidelines and FDA Cybersecurity in Medical Devices requirements, providing enhanced protection against threats.*
- DICOM-compatible software supports compliance with the Code of Federal Regulations.³

1. Legarreta. Imaging of Peripheral Retina with Optos Ultra-Widefield Imaging: Evaluation of Aperture Size on Image Quality. ARVO 2012.

2. Friberg. Advances in retinal imaging of eyes with hazy media: Further Studies. ARVO 2011.

3. All Covered Entities must securely backup 'retrievable exact copies of ePHI' (CFR 164.308 (7)(ii)(A)).

*For US markets only.

TRADE NAME	UWF-OCT or Silverstone
MODEL NAME	P200TxE
MODEL NUMBER	A10750
optomap UWF Imaging	
IMAGING MODALITIES	Color RG
	Color RGB
	Sensory (red-free)
	Choroidal
	Autofluorescence Green (Green AF)
	Autofluorescence Blue (Blue AF)
	Fluorescein (FA)
	Indocyanine Green (ICG)
RESOLUTION	optomap: 20 µm, optomap plus: 14 µm
LASER WAVELENGTHS	Blue Laser: 488 nm (for FA)
	Red laser: 635 nm
	Green laser: 532 nm (for AF)
	Infra-red: 802 nm (for ICG)
EXPOSURE TIME	Less than 0.4 seconds
OCT Imaging	
SIGNAL TYPE	Optical scattering from tissue
SIGNAL SOURCE	Swept Source OCT, Wavelength 1050 nm
AXIAL RESOLUTION*	< 7 micron
TRANSVERSE RESOLUTION*	< 20 micron
SCANNERS	Galvanometric X, Y pair
SCAN DEPTH	Up to 2.5 mm
A-SCAN RATE	Up to 100k cycles/sec
SCAN TYPES	Line Scans Width: 6, 14, 23 mm
	Volume Scan Height: Min 3.5 mm; Max 9 mm
	Volume Scan Width: Min 6.0 mm; Max 14 mm
System	
FOOT PRINT	Width: 540 mm / 22 in Depth: 570 mm / 23 in including chin rest Height: 683 - 707 mm / 27 - 28 in
WEIGHT	Max 45 kg
TABLE SPACE REQUIREMENTS	Width: 887 mm / 35 in Depth: 600 mm / 24 in Height: 725 to 1205 mm / 29 - 48 in
COLORS	White with aqua trim
SYSTEM VOLTAGE	100-240V, 50/60Hz
OPTICAL POWER	Laser safety Class-1 following IEC/EN60825-1
POWER CONSUMPTION	350VA (max)

NOTE: Specifications are subject to change without notice.



Optos UK/Europe
+44 (0)1383 843350
ics@optos.com

Optos North America
800 854 3039
usinfo@optos.com

Optos DACH
DE: 0800 72 36 805
AT: 0800 24 48 86
CH: 0800 55 87 39
ics@optos.com

Optos Australia
+61 8 8444 6500
auinfo@optos.com

