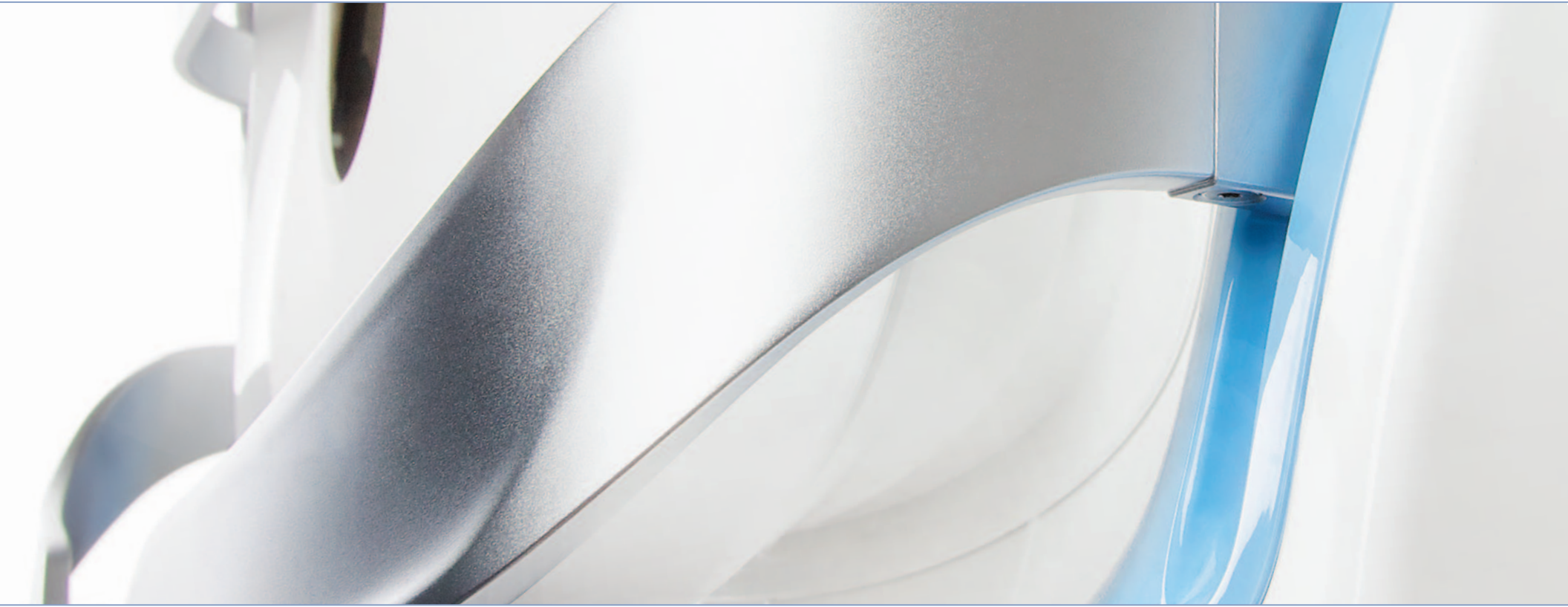


Monaco



OPTOS ULTRA-WIDEFIELD (UWFTM) RETINAL IMAGING WITH INTEGRATED OCT

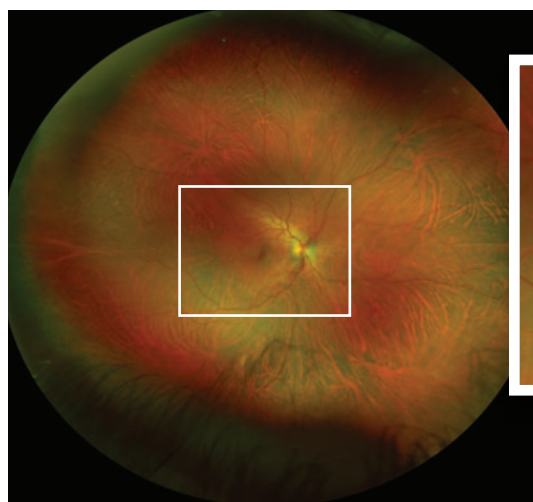
Monaco is an exciting new way to enhance your clinical exam. The only ultra-widefield retinal imaging device with integrated OCT, **Monaco** produces a 200° single-capture **optomap**® image in less than ½ second and also provides cross-sectional 40° OCT views of retinal structures.

Monaco enables a rapid multi-modality capture featuring color, autofluorescence and OCT scans, for both eyes, in as little as 90 seconds.

optomap has been shown to enhance pathology detection and disease management, and to improve clinic flow.¹ The integrated OCT further contributes to this capability.

optomap images are displayed in a consistent geometry which accurately represents anatomical features across the retina. Pixel to pixel registration enables accurate measurements and comparisons of images across modalities and from visit to visit.

Monaco



Auto-montage image (220°) of a healthy retina.

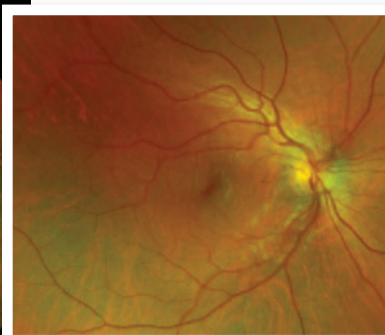
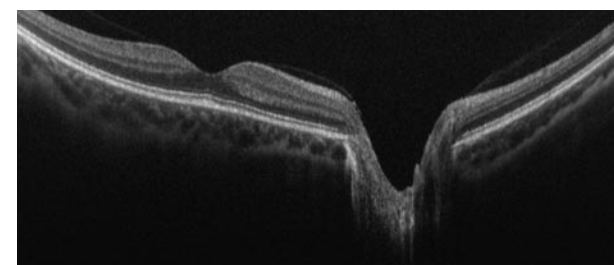


Image resolution validated equivalent to ETDRS².

FEATURES AND BENEFITS

- UWF with integrated OCT saves time, space and minimizes patient movement.
- High resolution 200° single-capture **optomap** images improve pathology detection and management from macula through the far periphery.
- Non-mydratric, cSLO imaging through most cataracts and small pupils (2 mm).
- 3-in-1 Color Depth ImagingTM provides important clinical data from the retinal surface through the choroid.
- Green laser autofluorescence minimizes patient exposure to blue light and shows macula and optic nerve head detail.
- Central pole OCT provides comprehensive multi-modal imaging.
- **optomap** images and OCT scans are correlated to facilitate pathology examination.
- Color, AF, and OCT images are shown in a single, comprehensive view.
- Fast, comfortable image acquisition is easier on patients and improves clinic flow.
- Optos **Advance**TM Image Management facilitates image review and consultations and includes measurement and auto-montage capabilities.



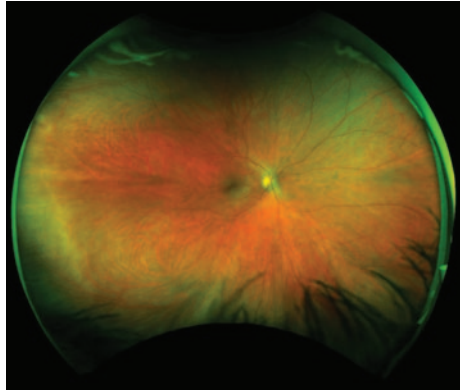
40° OCT scan across macula and ONH.

1. Tornambe, The Impact of Ultra-widefield Retinal Imaging on Practice Efficiency, US Ophthalmic Review 2017.
2. Silva et al, Nonmydratric Ultrawide Field Retinal Imaging Compared with Dilated Standard 7-Field 35-mm Photography and Retinal Specialist Examination for Evaluation of Diabetic Retinopathy, AJO 2012.

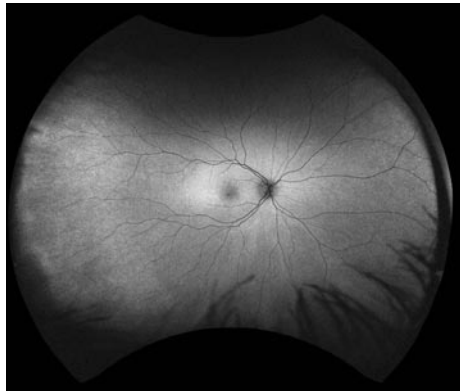
COMPREHENSIVE MULTI MODAL IMAGING

Monaco can capture a 6-image, multi-modal overview of both eyes in as little as 90 seconds. Visualizing multiple image modalities at the same time enables a practitioner to detect pathology in the various views. This quick overview can also help improve clinic flow as the practitioner can see everything at once.

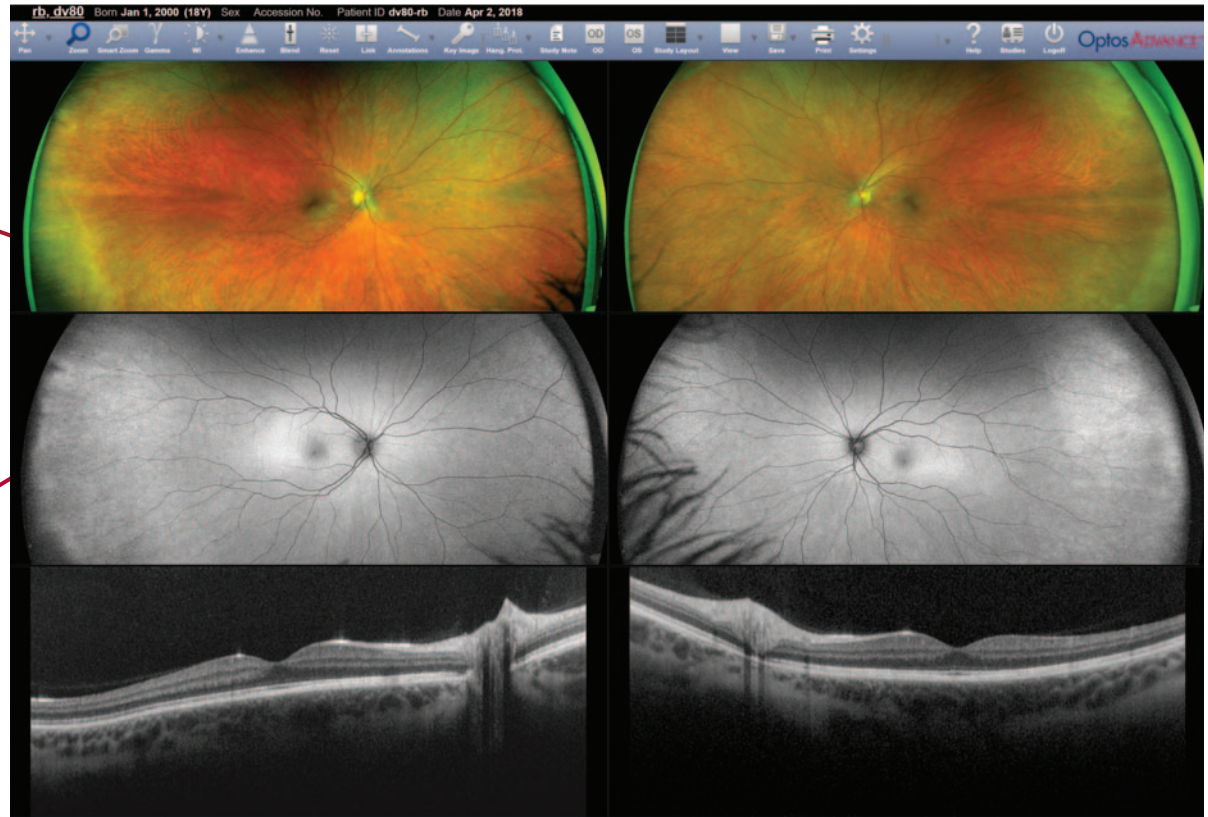
View the entire, 200° optomap image with a click.



optomap *color*

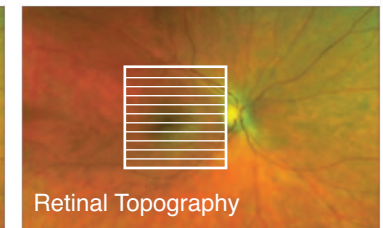
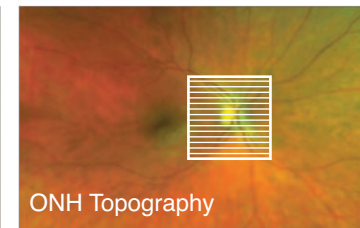
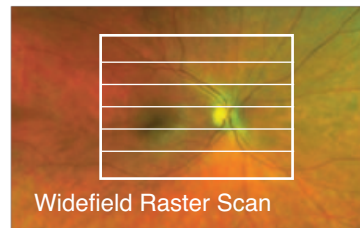
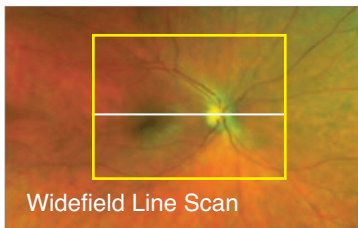


optomap *af*



Scroll through OCT raster scans to look for fluid or pathology.

OCT SCAN TYPES



TECHNICAL SPECIFICATIONS

TRADE NAME	Monaco
MODEL NAME	P200TE
MODEL NUMBER	A10700
Ultra-widefield Imaging	
IMAGING MODALITIES:	Color Sensory (red-free) Choroidal Autofluorescence (af)
RESOLUTION	optomap: 20 µm, optomap plus: 14 µm
LASER WAVELENGTHS	Red laser: 635 nm Green laser: 532 nm (for af)
EXPOSURE TIME	Less than 0.4 seconds
Tomographic Imaging	
SIGNAL TYPE	Optical scattering from tissue
SIGNAL SOURCE	Super Luminescent Diode (SLD) 830 nm
OPTICAL POWER	Laser safety Class-1 following IEC/EN60825-1:2014
TYPICAL AXIAL RESOLUTION	<10 micron (in tissue) Digital on-screen <6 micron
TRANSVERSE RESOLUTION	20 micron (in tissue)
SCANNERS	Galvanometric with X, Y mirrors
SCAN DEPTH	Up to 2.5mm
OCT SCAN CHARACTERISTICS	Spectral Domain OCT A-Scan rate up to 70k cycles/s Active Eye Tracking Automatic Scan Positioning
OCT SCAN TYPES	Line Scan Raster Scan Retina Topography Scan Optic Nerve Head (ONH) Topography Scan Retinal Nerve Fiber Layer (RNFL) Scan



FOOT PRINT	Width: 550 mm Depth: 500 mm Height: 650 mm
WEIGHT	Max 40 kg
TABLE SPACE REQUIREMENTS (not including wheel position)	Width: 887 mm / 35 in Depth: 600 mm / 24 in
LASER CLASS	Class 1 laser device at the eye, and complies with IEC/EN 60825-1:2014 and 21 CFR1040.10 and 1040.11 except for deviation pursuant to Laser Notice 50, dated June 24, 2007.
SYSTEM VOLTAGE	US: 100-120V at 50/60Hz EU/AU: 200-240V at 50/60Hz
POWER CONSUMPTION	300 VA

NOTE: Specifications are subject to change without notice.

More than 500 published and ongoing clinical trials as well as thousands of case studies and testimonials show the long-term value of **optomap** imaging in diagnosis, treatment planning and patient engagement. With the added integration of OCT, a more complete approach to patient care can be provided.



Optos plc
Queensferry House
Carnegie Campus
Enterprise Way
Dunfermline, Fife
Scotland KY11 8GR
Tel: +44 (0)1383 843350
ics@optos.com

Optos, Inc.
500 Nickerson Road
Suite 201
Marlborough, MA 01752
USA
Call Toll-free (US & Canada): 800-854-3039
Outside of the US: 508 787 1400
usinfo@optos.com

Optos Australia
10 Myer Court
Beverley
South Australia 5009
Tel: +61 8 8444 6500
auinfo@optos.com

