NEW
Imaging Applications:
Anterior Segment
Glaucoma
Retina

CIRRUS HD-OCT 5000/500

Advancing Smart OCT

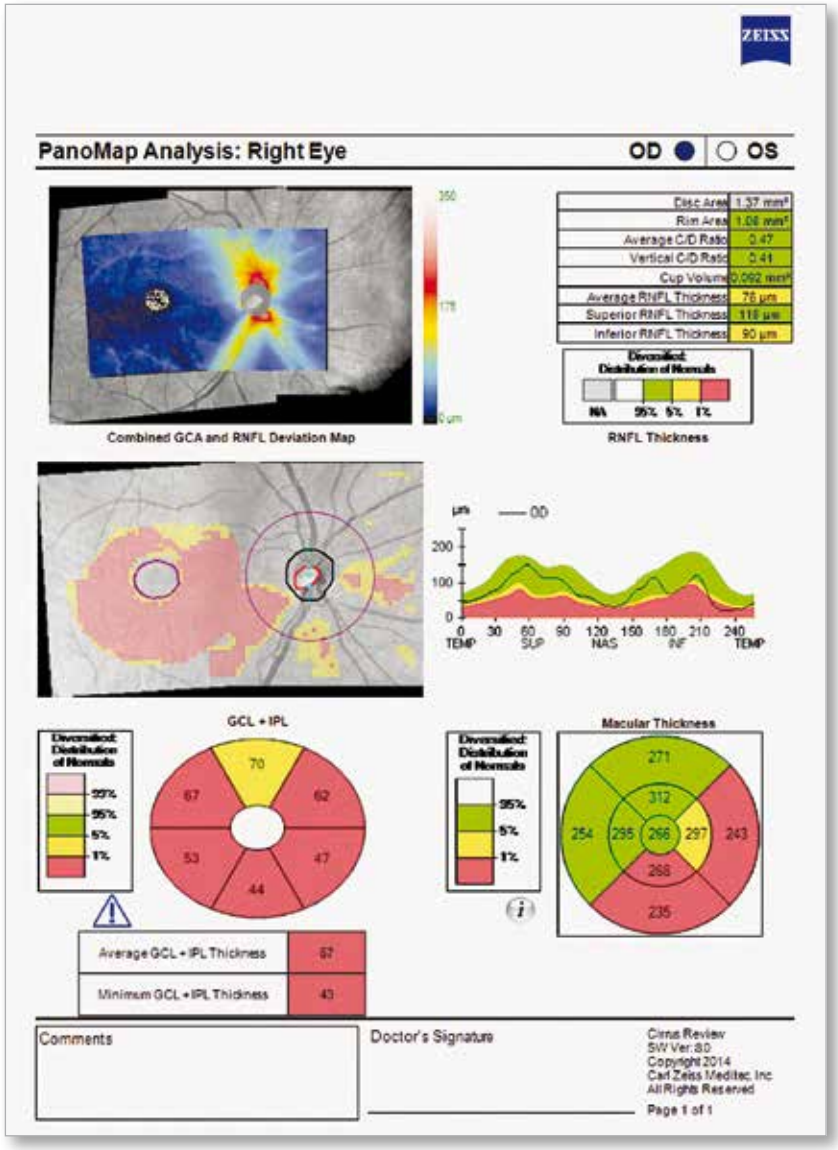
ZEISS

We make it visible.

International Version

NEW PanoMap Analysis

Wide-field structural damage assessment for glaucoma



PanoMap Report with Combined GCA and RNFL Deviation Map

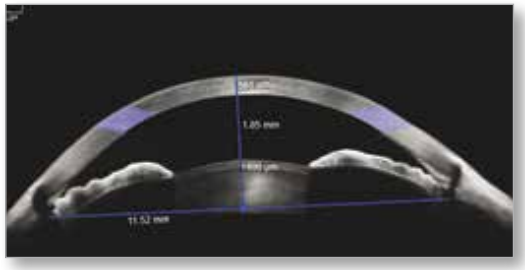
NEW PanoMap™ wide field analysis displays structural data for the entire posterior pole —
RNFL, ONH, and GCA metrics show the extent of structural damage

At-a-glance insight —
A single analysis for integrated insights into early pathologies

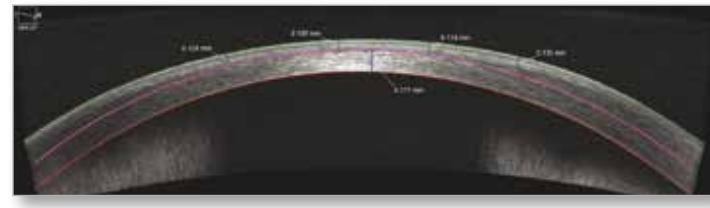
Backward-compatible —
PanoMap uses existing Macular Cube and Optic Disc Cube scans to provide a wide-field view of the posterior pole without altering scan protocols

NEW Anterior Segment Premier Module from ZEISS

The first retinal OCT with full anterior chamber imaging and measurements



ChamberView™

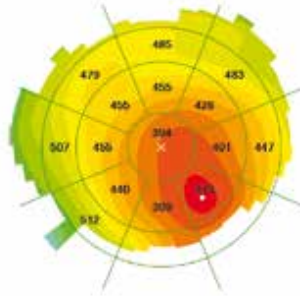


HD Cornea

ChamberView image* — ChamberView provides an expansive 15.5 mm wide view of the entire anterior chamber with objective tools for measuring anterior segment ocular structures

*Patent pending

HD Cornea Scan — 9 mm high-resolution scan, including versatile tools for measuring thickness of residual stromal bed, LASIK flap, and other corneal structures



Pachymetry Map — 9 mm pachymetry map highlights corneal irregularities and identifies thinnest point for refractive surgery screening

NEW OCT Goniometry

A non-contact method to help identify patients at risk of angle closure glaucoma

Wide Angle to Angle Scan

Wide Angle-to-Angle scan and HD Angle Scan — Provide exquisite detail of the iridocorneal angle and include measurement tools for Angle Opening Distance (AOD500/750) and Trabecular Iris Space Area (TISA500/750) to quantify and track degree of angle closure

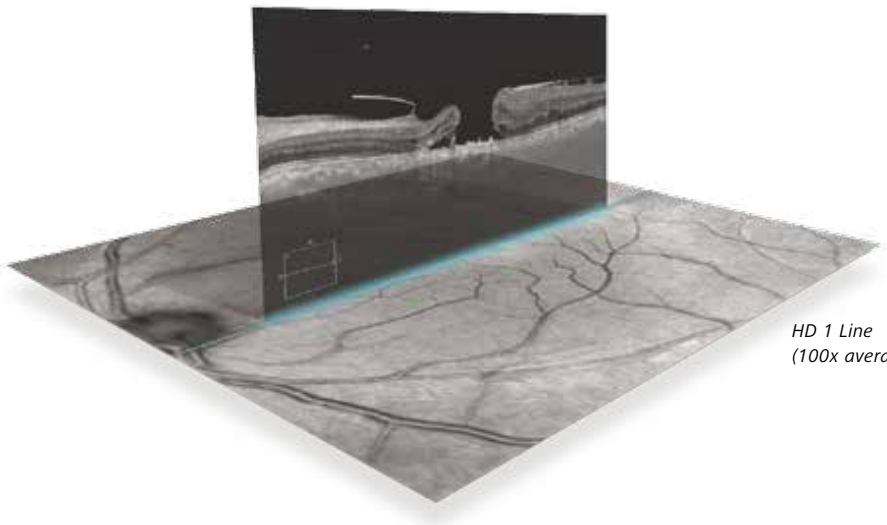
IC Measurements:	Value:
AOD500	0.18 mm
AOD750	0.22 mm
TISA500	0.07 mm
TISA750	0.11 mm
SSA	19.69

HD Angle Scan with Measurement Table

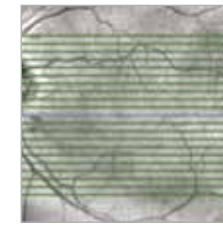
NEW Smart HD Scan Patterns

Targeted visualizations of critical anatomy

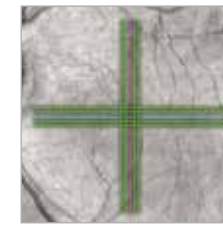
Automatic centering of scans ensures you see the fovea in each patient.



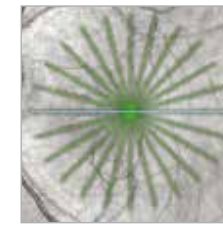
HD 1 Line
(100x averaged)



HD 21 Line



HD Cross

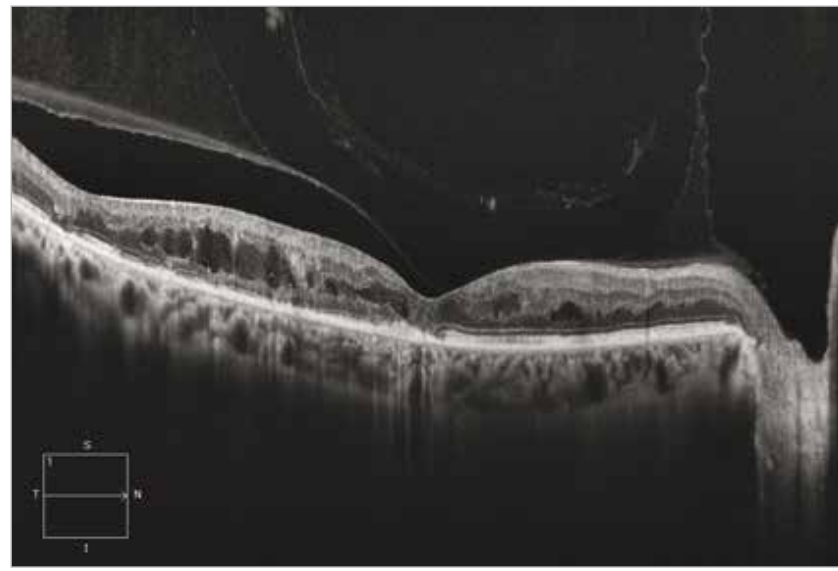


HD Radial

Details matter — Add flexible HD scans to your macular scanning protocol for an efficient visual assessment of macular status

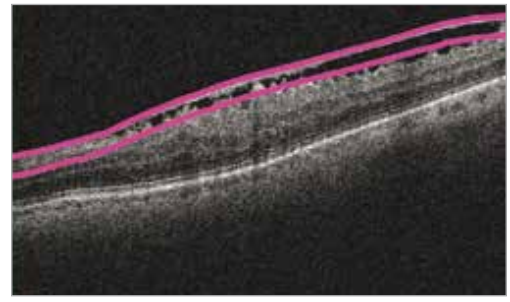
Get it right the first time — Improves clinic flow by helping to eliminate rescans due to missed fovea

New Smart HD 1 Line scan — Captures and averages 100 b-scan images with automatic centering at the fovea or region of interest. The result is a brilliant image that simultaneously highlights detail in the vitreous, retina, and choroid.



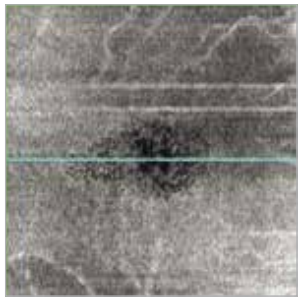
NEW Layer by Layer En Face Views
Reveal what lies beneath the surface

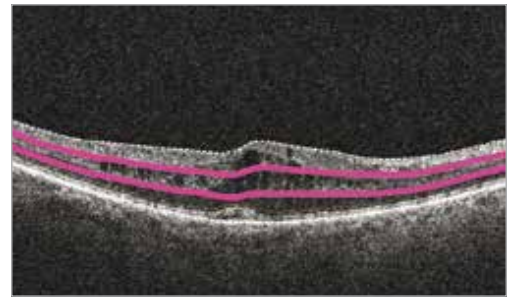
En Face VRI View



VRI en face preset display: Epiretinal membrane (ERM) example where the dark areas indicate membrane detachment

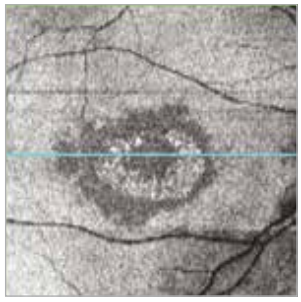
En Face Mid-Retina View

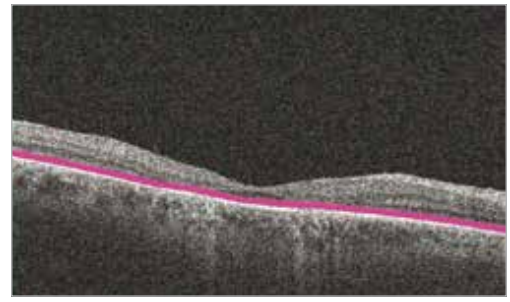




Mid-Retina en face preset display: Cystoid macular edema (CME) example with the hallmark flower petal pattern

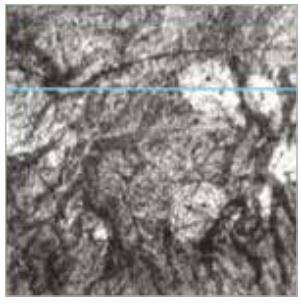
En Face IS/OS-Ellipsoid View

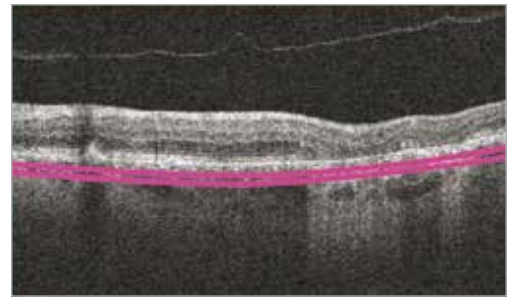




IS/OS-Ellipsoid en face preset display: Hydroxychloroquine toxicity example with the classic bull's eye maculopathy

En Face Choroid View





Choroid en face preset display: Geographic Atrophy (GA) example where the bright regions highlight the RPE loss

Technical Data

CIRRUS™ HD-OCT 5000/500

New Software Version 8.0* includes:
En Face Analysis
PanoMap

Optional licensed features:

Smart HD Scans	
HD 1 Line 100x	1 Line (100x averaged)
HD 21 Line	21 Lines (4 or 8x averaged)
HD Radial	12 Lines (8x averaged)
HD Cross	10 Lines - 5 horizontal, 5 vertical (8x averaged)

Anterior Segment Premier Module with External Lens Kit		**Measurement Capabilities**
ChamberView™	15.5 mm x 5.8 mm (max.)	Anterior Chamber Depth, Angle to Angle Distance, Lens Vault, Chamber Area, Corneal Thickness, Angle and Caliper Tools
Wide Angle to Angle	15.5 mm x 2.9 mm	Angle Opening Distance (AOD500/750), Trabecular Iris Space Area (TISA 500/750), Scleral Spur Angle, Angle and Caliper Tools
HD Cornea	9 mm x 2 mm	Residual Stromal Thickness, Caliper Tool
HD Angle	6 mm x 2.9 mm	Angle Opening Distance (AOD500/750), Trabecular Iris Space Area (TISA 500/750), Scleral Spur Angle, Angle and Caliper Tools
Pachymetry Map	9 mm diameter	Sector Thickness Values, Minimum Thickness

Two interchangeable lenses expand CIRRUS HD-OCT with corneal, anterior chamber, and wide angle to angle imaging

CIRRUS 5000 Hardware/Computer Updates	
Operating system/processor	Windows® 7, i7 processor (4th generation)
Memory	16 GB
Hard drive/internal storage	2 TB

*Version 8.0 is compatible with CIRRUS Models HD-OCT 5000 and 500 only. Model 500 available with all listed features except Smart HD Scans.
CIRRUS Review Software supported Operating Systems: Windows 8.1, Windows 7, Windows Server 2008 R2

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