CIRRUS HD-OCT 5000/500
Advancing Smart OCT

NEW Imaging Applications:
Anterior Segment
Glaucoma
Retina

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Technical Data

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 PanoMap Analysis
Wide-field structural damage assessment for glaucoma

*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.


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

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

CIRRUS 5000 Hardware/Computer Updates

- Operating system/processor Windows® 7, i7 processor (4th generation)
- Memory 16 GB
- Hard drive/internal storage 2 TB
NEW PanoMap Analysis
Wide-field structural damage assessment for glaucoma

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

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

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 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

<table>
<thead>
<tr>
<th>IC Measurements</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOD500</td>
<td>0.18 mm</td>
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<tr>
<td>AOD750</td>
<td>0.22 mm</td>
</tr>
<tr>
<td>TISA500</td>
<td>0.07 mm</td>
</tr>
<tr>
<td>TISA750</td>
<td>0.11 mm</td>
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<tr>
<td>SSA</td>
<td>19.69</td>
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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.

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

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## Anterior Segment Premier Module with External Lens Kit

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