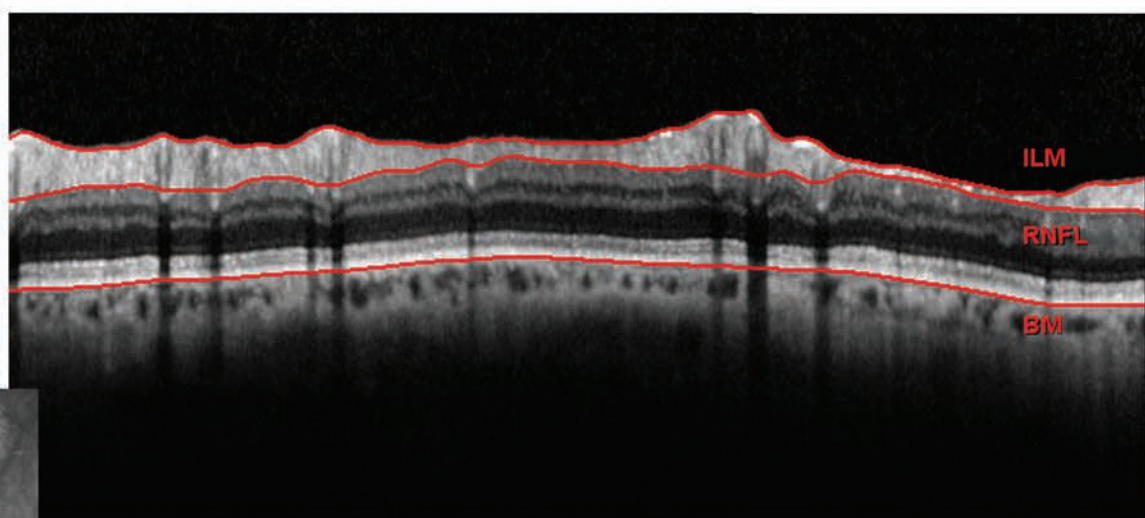
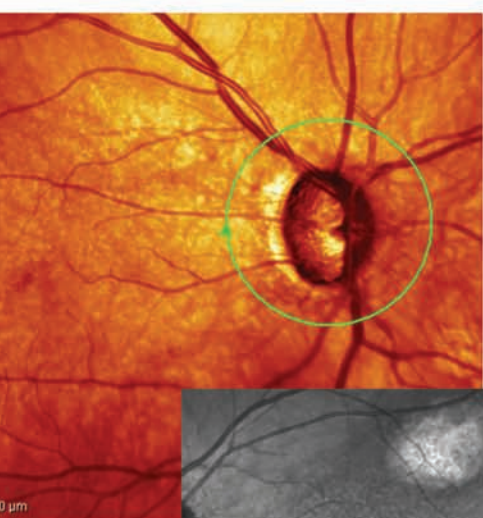


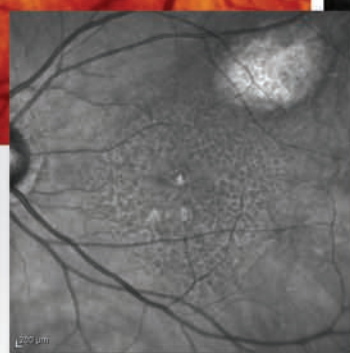
# SPECTRALIS® OCT

## Spectral-Domain OCT with Infrared Fundus Imaging

- Affordable combination of frequently used Infrared (IR) mode and high speed SD-OCT
    - IR imaging powered by confocal scanning laser (cSLO) technology improves image quality, patient comfort and does not require dilation
  - Most cost efficient configuration with fixed camera head and non-upgradable hardware
  - Proven technologies deliver precision, detail and measurement reproducibility of one micron\*
    - TruTrack™ active eye tracking
    - Heidelberg Noise Reduction™
    - AutoRescan™ automatic follow-up scan placement
    - FoDi™ fovea-to-disc alignment
    - Multi-modality imaging
- NEW** □ Posterior pole asymmetry analysis included



RNFL Thickness around the Optic Nerve Head



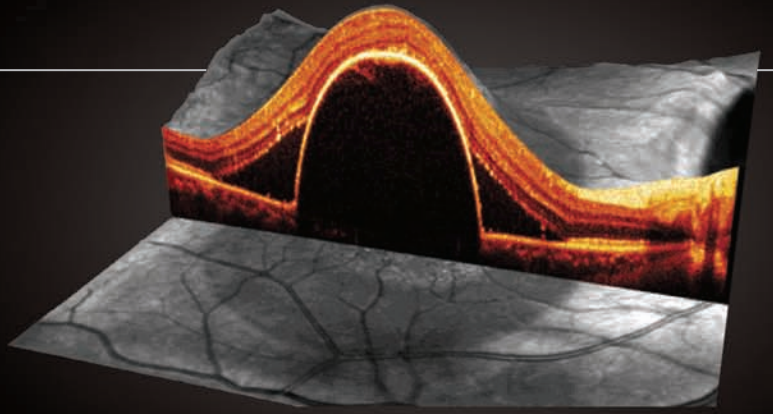
Infrared



# More Than Just OCT

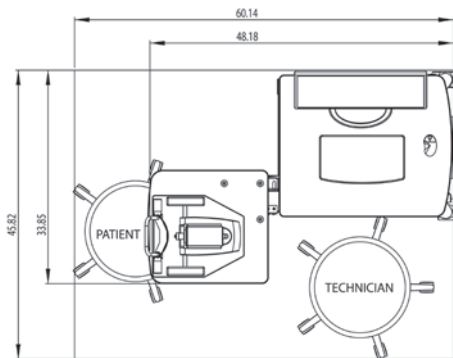
The SPECTRALIS OCT combines Spectral-domain OCT with confocal scanning laser fundus imaging. Like all SPECTRALIS models, the OCT includes TruTrack™ active eye tracking, AutoRescan™ features and posterior pole asymmetry analysis. This powerful combination provides precise follow-up scanning and measurement reproducibility to 1 micron\*.

Together, the SPECTRALIS OCT package provides the value and confidence clinicians need in a busy general practice.



## Specifications\*\*

### SPECTRALIS® OCT



60.1" x 45.8" (152.7 cm x 45.8 cm)

### SPECTRALIS Models

		OCT	OCT with BluePeak	OCTPLUS	OCTPLUS with BluePeak	HRA	FA+OCT	HRA+OCT
		2 Mode	3 Mode	2 Mode	3 Mode	5 Mode	5 Mode	6 Mode
Spectral Domain OCT		■	■	■	■		■	■
Fundus Imaging Modes	Infrared Imaging	■	■	■	■	■	■	■
	BluePeak™ blue laser autofluorescence		■		■	■	■	■
	Red-free Imaging					■	■	■
	Fluorescein Angiography					■	■	■
	ICG Angiography					■		■
Panning Camera				■	■	■	■	■
Upgradable Hardware				■	■	■	■	■

TruTrack™ active eye tracking • Heidelberg Noise Reduction™ • HEYEX™ Image Management Software

#### Computer Hardware

- Quad Core processor
- Nvidia graphics card
- 24 inch, 1920 x 1200 monitor

#### Light Sources

- 820 nm laser
- 870 nm SLD

#### Imaging Modes

- SD-OCT
- Infrared

#### OCT Specifications

- 40,000 A-scans/second
- Axial resolution (in tissue) 3.9 µm (digital)
- Transverse resolution (in tissue) 14 µm
- Scan depth 1.9 mm

#### Fundus Imaging Specifications

- Confocal scanning laser ophthalmoscope (cSLO)
- Field of view max.: 30° x 30°
- Isotropic resolution:
  - High Speed Mode: 11 µm
  - High Resolution Mode: 5 µm
- Wide Field Imaging:
  - Optional 55° lens

#### Pupil Diameter

- ≥ 2.5 mm

\* Wolf-Schnurrbusch et al., Macular Thickness Measurements in Healthy Eyes Using Six Different Optical Coherence Tomography Instruments. *Invest Ophthalmol Vis Sci*; July 2009, Vol 50, No 7, Pg 3432-3437.

\*\* Specifications subject to change without notice.

For more information, call 800-931-2230 or visit [www.HeidelbergEngineering.com](http://www.HeidelbergEngineering.com)



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