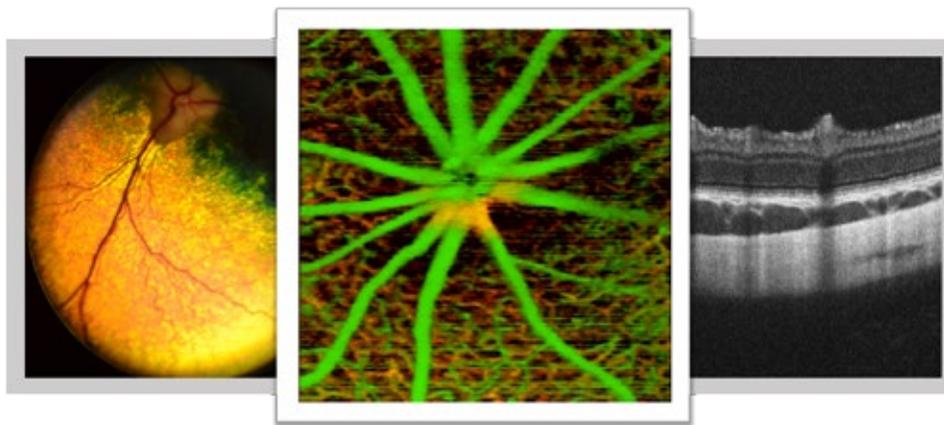


OCT EMPOWERED

More choices. More clarity. Faster measurements.

Why choose between building your ideal OCT system and buying one that gets you up and running quickly? With Wasatch Photonics, you can do both. We've created a line of configurable, modular OCT components to get you clearer images, faster. Hundreds of hours of design, system-level testing, and sample measurements have gone into optimizing each component – hours you can put towards your application. With superior optical components, more options, and greater OCT expertise than you'll find anywhere else, we are your one stop shop for OCT.



WHY GO MODULAR?

- Accelerated system design & build
- Can be customized to each application
- Drop-in components optimized for OCT yield higher performance systems
- Guaranteed component compatibility, performance, and quality
- Transition quickly from feasibility testing to volume OEM manufacture
- Centralized, intuitive control software with advanced image processing

WP ADVANTAGES

- Superior SNR for greater, deeper image clarity
- Premier optical design with subpixel resolution
- >30 spectrometer models for the exact range, resolution, speed, depth, & cost you need
- Near-diffraction limited focusing across full spectrometer array to minimize camera roll-off
- Proprietary WP gratings for low polarization dependence & high diffraction efficiency
- Advanced spectrometers like the Cobra-S: 250 kHz scanning, <6 dB rolloff @ 2.5 mm

SPECTROMETERS | PROBES | COMPLETE SOLUTIONS



Your One Stop Shop for OCT

Quickly design & build the ideal OCT system for your research or OEM application using our high performance modular components. Choose from multiple bandwidth, depth & speed options at each wavelength. From proof of concept to volume manufacturing, we get you clearer images, faster.



CONFIGURABLE OCT SPECTROMETERS

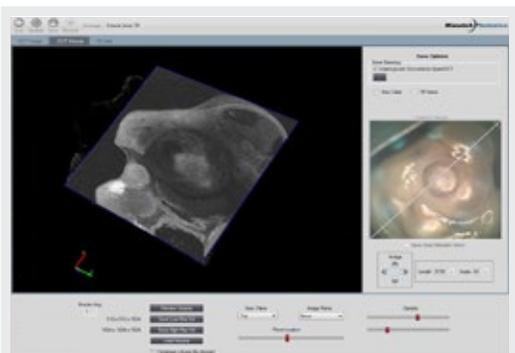
- ▶ Cobra-S 800 series: Ultrafast 250 kHz imaging for angiography, vibrometry, and real-time 3D imaging
- ▶ Cobra 800 series: Maximum resolution for retinal & cellular imaging and high-resolution material inspection
- ▶ Cobra 1050 series: Ideal for deep retinal imaging
- ▶ Cobra 1300 series: Greater imaging depth for dermatology, anterior segment imaging, and sub-surface material inspection



FLEXIBLE, COMPACT SAMPLE ARM PROBES

Our innovative optical design & robust scan electronics deliver aberration-free imaging at 800, 1050, or 1300 nm for best resolution and SNR. Integrated color camera & robust electronics.

- ▶ MEMS probes: Ultracompact, handheld to mounted in seconds
- ▶ Galvo probes: Precise & high speed for challenging applications
- ▶ Animal retina probes: 40° field of view, point & scan operation



INTUITIVE IMAGE PROCESSING SOFTWARE

Acquire, process, and visualize OCT data in 2D or 3D using our powerful software and image processing libraries. We offer full access to all acquired data, and low-level component control to support custom system development. Use our standard plug-ins for filtering, stack averaging, segmentation, and scan pattern, or design your own. Select your scan location from the live camera feed, record multiple scans, and read back for revisualization.

OEM & CUSTOM SYSTEM DEVELOPMENT

We often work with OEMs to adapt our configurable designs to new cameras, unique footprints, and custom sample types. We also offer a range of time-saving accessories, including broadband light sources, manual & motorized interferometer modules, and electronics & firmware to synchronize sample arm scanning & image acquisition. Let us speed your system design & build with our optimized, off-the-shelf components and expertise.

