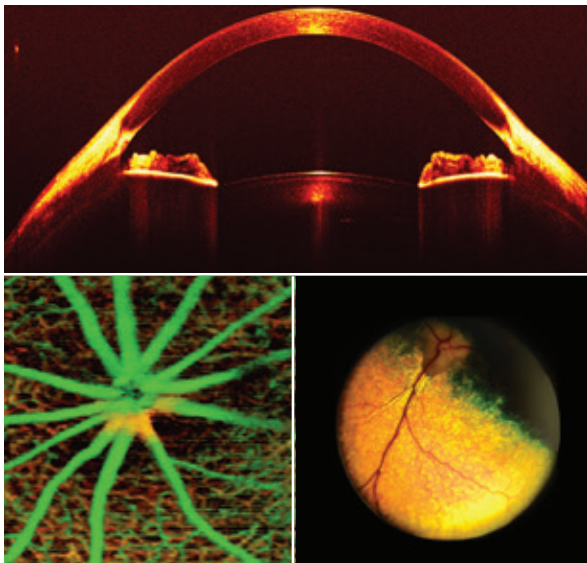


# Modular OCT Probes

Imagine clearer, easier imaging – where you want it



Capture high quality anterior segment, posterior segment, and fundus images with a single, optimized probe designed for ease of use.

## MAXIMIZE FUNCTIONALITY

Handheld, mounted, and retinal options

Open controls for use in any system

Focusing optics & MEMS/galvo scanning in one compact, robust probe head

High efficiency, low-aberration optics for a cleaner focus & clearer images

Onboard 10 MP color camera provides *en face* imaging for precise positioning

High degree of scan repeatability for phase-sensitive measurements

## Finally – a line of compact, high performance OCT probes for integration into any system.

At Wasatch Photonics, we've applied our expertise in spectroscopy, optical & electronic design, and system integration to create superior tools to help you build the exact OCT system you need, faster. Our range of off-the-shelf OCT probes include models that go from handheld to mounted in seconds, scan at 20 or 200 Hz, or look your sample straight in the eye. Each design combines innovative optical design with robust electronics for precise focusing, repeatable xy scanning, and high transverse resolution at working distances >20 mm. Flexible enough for research and robust enough for OEM, our fiber-coupled probes integrate easily with any OCT system.

RETINAL & ANTERIOR SEGMENT IMAGING  
DERMATOLOGY | MATERIAL INSPECTION



## Customized performance, off-the-shelf probes.

Take advantage of our rigorous testing and optimization at the system level to expedite one of the most challenging and critical aspects of OCT system design. Have a specific application need? Our ultracompact probes allow you to get closer to the sample without compromising performance. Working with bovines? The point & click operation of our animal retina probe makes it easy.

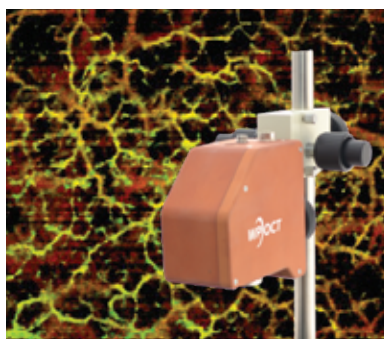
Specifications for our standard models can be found in the table below. Please contact us to discuss your custom OEM requirements. Note: WP OCT Probe part numbers are of the format PO-[WL]-[Hz]-[sample type].

	ULTRACOMPACT PROBES			HIGH SPEED PROBES			ANIMAL RETINA PROBES	
<b>Center Wavelength</b>	800 nm	1050 nm	1300 nm	800 nm	1050 nm	1300 nm	800 nm	1050 nm
<b>Transverse Resolution</b>	6 $\mu$ m	8 $\mu$ m	12 $\mu$ m	6 $\mu$ m	8 $\mu$ m	12 $\mu$ m	NA	NA
<b>Imaging Rate</b>	20 Hz			200 Hz			20 Hz	
<b>Scanning Mechanism</b>	MEMS			Galvanometer			MEMS	
<b>Sample Types</b>	Standard (S)			Standard (S)			Animal Retina (R)	
<b>Field of View</b>	> 6 x 6 mm			> 6 x 6 mm			> 40°	
<b>Working Distance*</b>	> 20 mm*			> 20 mm*			> 20 mm*	
<b>Mode of Operation</b>	Handheld / Mounted			Mounted			Handheld	
<b>Size</b>	7.4 x 7.4 x 5.6 cm			13.2 x 10.4 x 5.8 cm			29.2 x 8.4 x 17.5 cm	
<b>Weight</b>	0.25 kg			1.0 kg			0.8 kg	
<b>Optical Interface</b>	Single mode fiber, FC/APC connectors							
<b>Electrical Interface</b>	USB2 for camera, 10-pin connector (cables come with probe)							

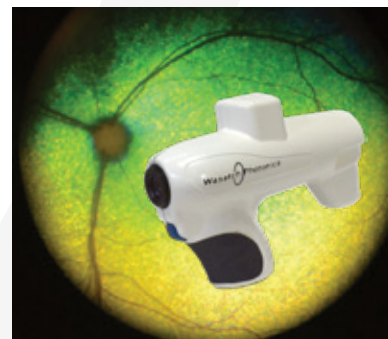
\* From sample or front of eye



Our ultracompact MEMS probe switches from handheld to mounted in seconds, and offers surprisingly high precision.



Our high speed galvanometer probe provides 10x faster scanning, but at greater footprint & cost.



Our animal retina probe offers point & click scanning of live specimens in an ergonomic design.

Contact us for greater clarity

