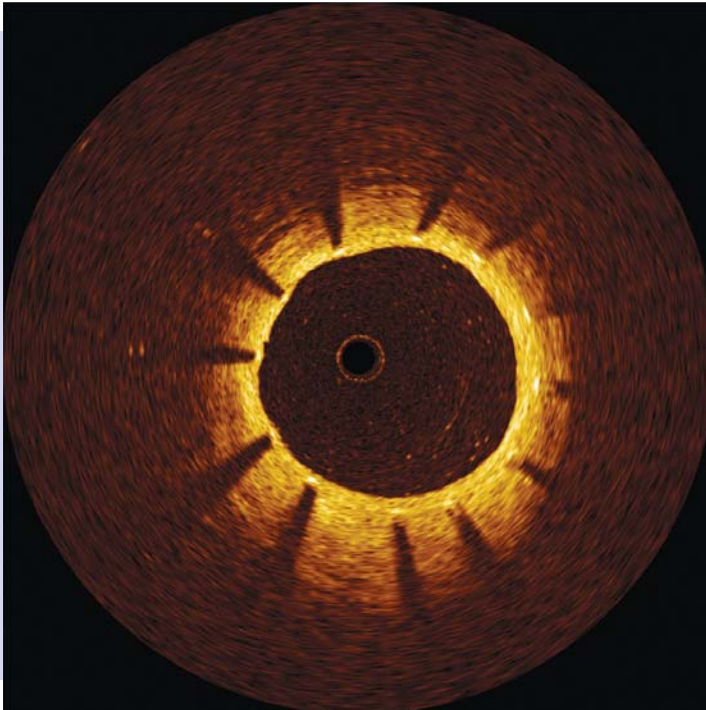


M2x provides the highest resolution intravascular images.



M2x

OCT: SEEING IS BELIEVING

LightLab Imaging's OCT system is designed with advanced photonics and fiber optics for a suite of capabilities to meet the need for more accurate information about the target lesion or the outcome of a therapeutic intervention.

OCT produces intravascular images with 15 μm resolution—a level of detail far greater than any existing modality available in cardiovascular imaging.

In studies around the world, OCT is providing new information and a clearer understanding of disease, and is leading to the development of new treatments and devices. Interventional cardiologists are anticipating that OCT will play a major role in discussions regarding drug-eluting stent safety, vulnerable plaque, and other important issues.

THE BENEFITS ARE CLEAR

> High Resolution

LightLab's OCT system offers 15 micrometer axial resolution, 40 micrometer lateral resolution, for unsurpassed morphological detail.

> Hi Resolution Zoom

Up to 6.6 times magnification without loss of resolution or degradation of the image.

> Measurement Capabilities

Measurements for area and diameter—percent-diameter stenosis and percent-area stenosis calculations—and automatic lumen area measurements are all available.

> Automatic Pullback

Automated linear pullback of lengths up to 5 centimeters. Pullback speeds adjustable up to 3.0mm/sec.

> User-Friendly Software Interface

A remarkably short learning curve thanks to intuitive software with familiar "point and click" mouse interface.

> Flexible File Export Capabilities

Images can be exported as AVI, JPEG, or TIFF files for inclusion in presentations and publications. And DICOM export for sharing of medical-grade images on hospital computers is standard on each system.

M2x: AN INDISPENSIBLE TOOL FOR CARDIOLOGIST WITH VISION



Imaging Parameters Measured at Tissue	Scan Range through Saline	3.25 - 3.4 mm
	Axial Resolution through Saline	16 - 20 μm
	Transverse Resolution through Saline	10 - 30 μm at beam waist
	Diameter Measurement Accuracy	+/- 7%
	Area Measurement Accuracy	+/- 10%
	Pullback Range	50 mm (+/- 10%)
	Pullback Speed	0.5 - 3.0 mm/sec minimum (+/- 5%)
	Lumen Measurement Range through Saline	2.0 - 6.0 mm (with centered probe)