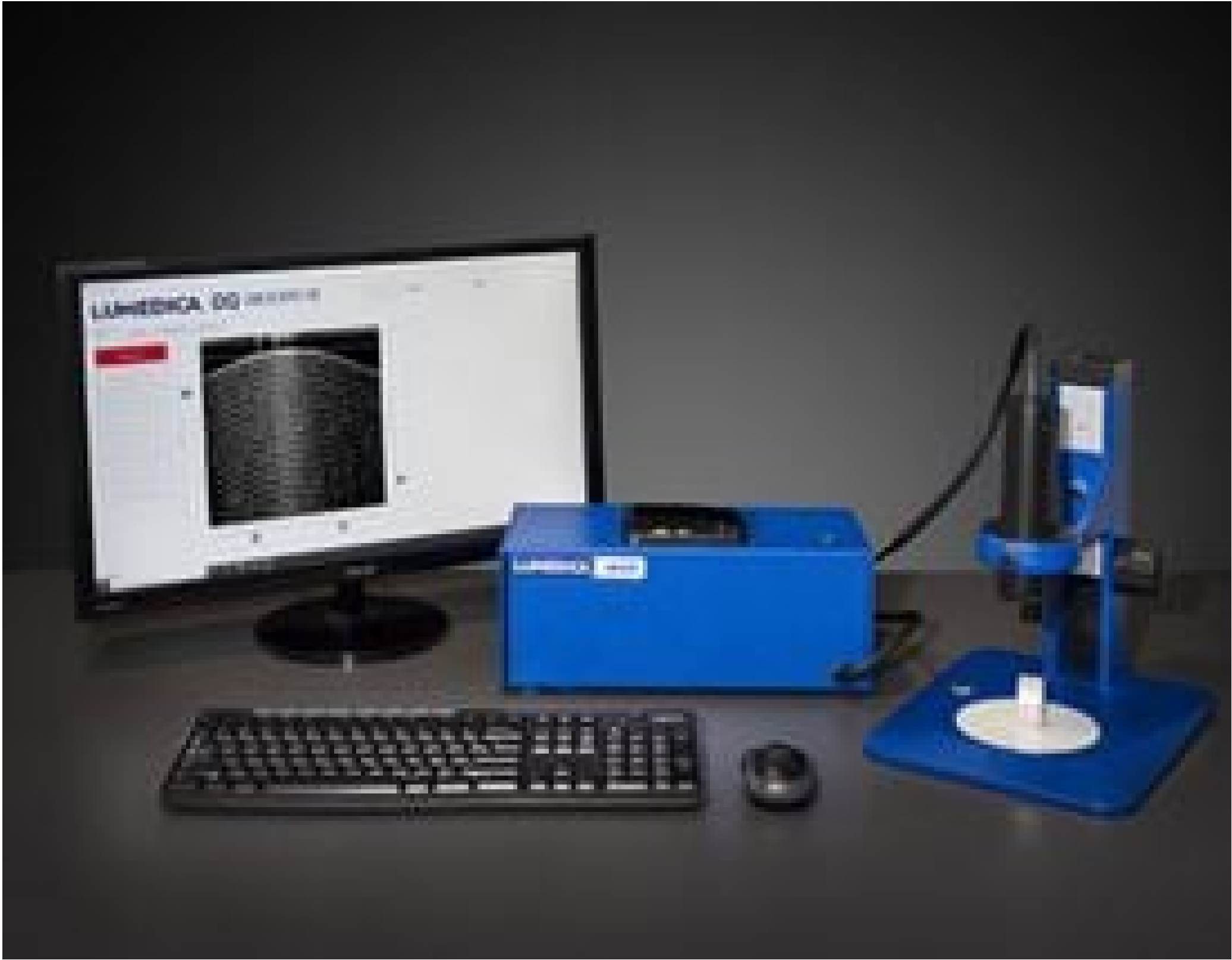


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Lumedica OQ LabScope 3.0 OCT Imaging System



OCT Imaging System (OCT Stand, Monitor, Mouse, and Keyboard Sold Separately as #37-140)



Stock **#29-143** [CONTACT US](#)

-

1

+

S\$17,493⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General	
	Model Number:
OQ LabScope 3.0	
	A-Scan Line Rate (lines/second):
34000	
	B-Scan Image Rate (lines/second) :
22	

Physical & Mechanical Properties	
6	Weight (lbs):
2.72	Weight (kg):
Dimensions (mm): System: 413 x 216 x 153 Scanner: 41 x 172 x 67	
Air: 8 Tissue: 6	Depth Resolution (µm):
18	Transverse Resolution (µm):
5mm	Volume Scan Range (mm, diameter of a circle):
Optical Properties	
840.00	Center Wavelength CWL (nm):
7mm	Linear Scan Range (mm):
8 µm / 6 µm	Axial Resolution (In Air / In Tissue):
2.7mm / 2.0mm	Axial Scan Range (Maximum Imaging Depth in Air / In Tissue):
Sensor	
512 x 512	Image Size (Pixels):
Electrical	
100 dB	Sensitivity (OSNR):
750	Output Power (µW):
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Affordable Optical Coherence Tomography Imaging System
- Ideal for Biological Sample Imaging, Sample Characterization, and OCT Education
- Compact Form Factor Tabletop Device

The Lumedica OCT Imaging System is an all-in-one high resolution Optical Coherence Tomography Imaging System. Designed as an affordable alternative to prohibitively expensive and complex units, the system provides competitive resolution, frame-rate, and power specifications at an industry-leading price. With a laser centered at 840nm, this OCT Imaging System is ideal for inspection at depths of up to 2.8mm in air, and to 2mm in tissue. The Lumedica OCT Imaging System features axial resolutions of 5µm and lateral resolutions of 15µm, matching the performance of much more expensive units. With a compact form factor, integrated computer, and intuitive graphical user interface for laboratory or field use, the Lumedica OCT Imaging System is an ideal tool for users of all experience levels. An optional workstation package includes a scanner stand with vertical stage, large monitor, as well as a wireless mouse/keyboard combination to interface with the device.