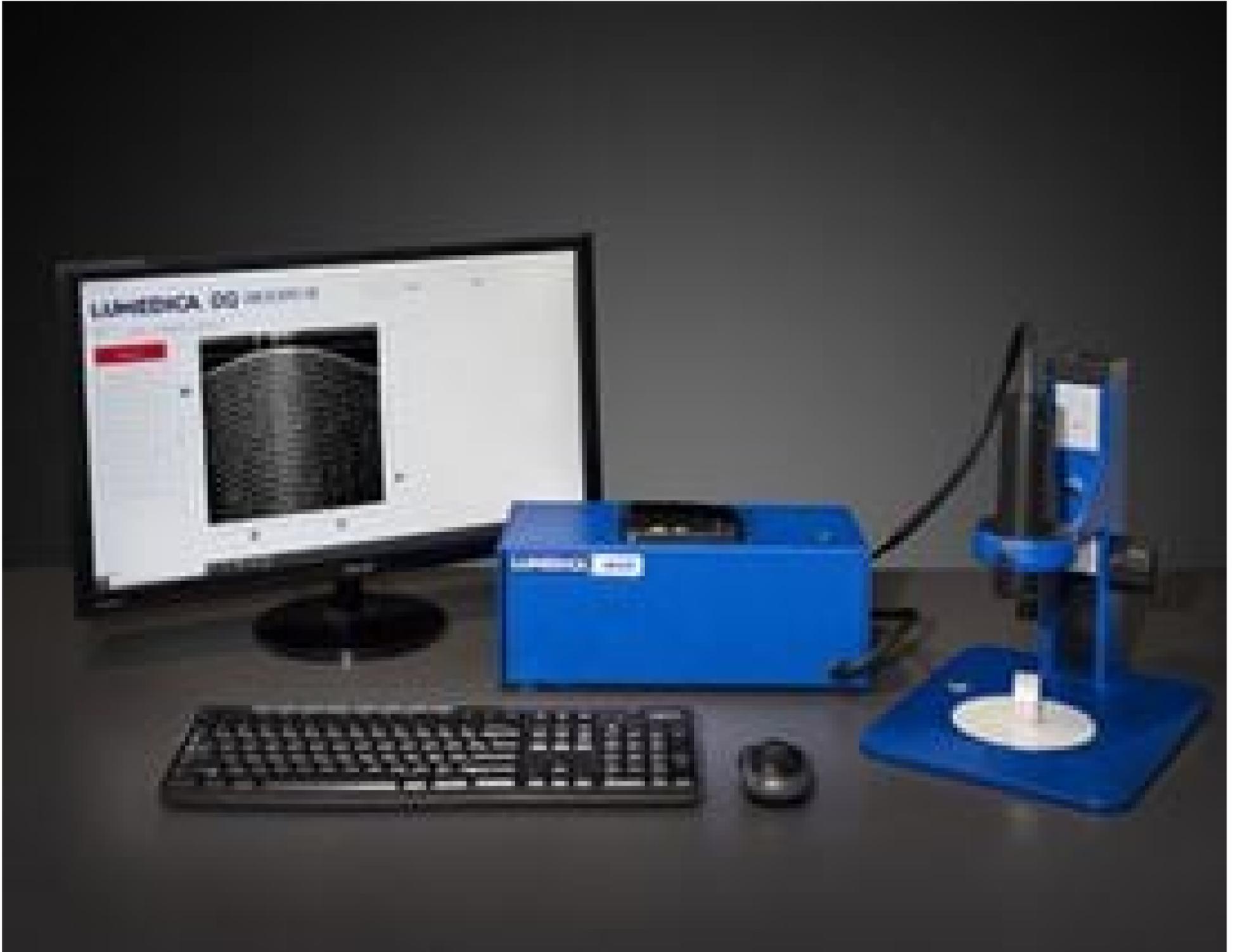


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Lummedica OQ LabScope 3.0 OCT Imaging System



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



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

⊖ 1 ⊕ C\$17,493⁰⁰

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Qty 1+	C\$17,493.00 each
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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

Depth Resolution (μm):
Air: 8 Tissue: 6

Transverse Resolution (μm):
18

Volume Scan Range (mm, diameter of a circle):
5mm

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 5 μm and lateral resolutions of 15 μm , 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.