

AFFORDABLE OPTICAL COHERENCE TOMOGRAPHY OCT GREAT OCT PERFORMANCE

IT'S OCT. RE-IMAGINED

Because of its patented, low-cost architecture, the OQ LabScope enables researchers, innovators and educators to take advantage of OCT's powerful imaging capability.

IT'S AFFORDABLE

The OQ LabScope's price is a fraction of any other OCT system. Now, finally many laboratories will be able to afford this technology.

IT'S ACCURATE

The OQ LabScope generates 512 pixel x 512 pixel images, matching the performance of OCT units costing three times as much.

IT'S COMPACT

The OQ LabScope is about the size of a shoe box, won't crowd your bench – or require a special cart.

IT'S EASY TO USE

Focus on science, not on setup. The software is simple, so you can generate images quickly.

IT'S CUSTOMIZABLE

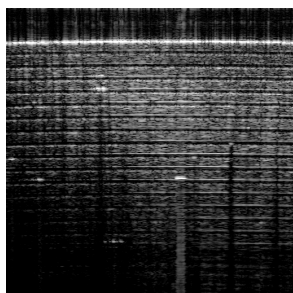
The OQ LabScope can be configured for specific applications upon request

IT'S MODELS

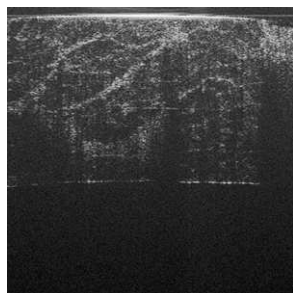
- Base Model: Engine + Scanner + Integrated PC.
- Option Workstation Package: Scanner Stand, Monitor, Keyboard, Mouse
- Option Extended Support: One year of extended support & service
- Option Portability Package: Portable Monitor, Keyboard & case
- Option High-Powered SLD Light Source

Laboratory-Grade Performance

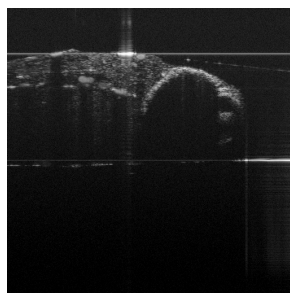
Center Wavelength	880 nm
Depth Resolution	3 μm in air 2 μm in tissue
Transverse Resolution	10 μm
Scan Range	7 mm x 7 mm
A-Scan Line Rate	40000/sec
B-Scan Image Rate	40/sec
Sensitivity (OSNR)	100 dB
Image Size	512 px x 512 px
Output Power	750 μW
System Size (w/d/h)	19 cm x 33 cm x 15 cm
Scanner Size (w/d/h)	4,1 cm x 17.2 cm x 6,7 cm
System Weight	2,72 kg



1. Layers of Scotch Tape



2. Bacon



3. Zebra Fish