

## AFFORDABLE OPTICAL COHERENCE TOMOGRAPHY

# GREAT OCT PERFORMANCE. EVEN BETTER PRICE.

**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 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.

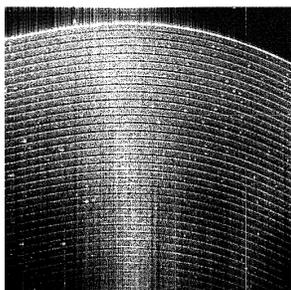
**It's easy to use.** Focus on science, not on setup. The software is simple, so you can generate images quickly.

**It's customizable.** The OQ LabScope can be configured for specific applications upon request.

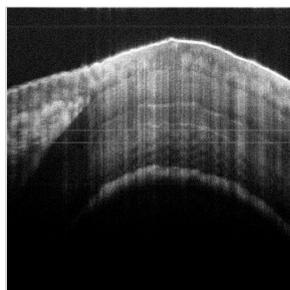
### LABORATORY-GRADE PERFORMANCE

Image Size	512px x 512px
Depth Resolution	7 $\mu\text{m}$ in air, 5 $\mu\text{m}$ in tissue
Transverse Resolution	18 $\mu\text{m}$
Scan Range	7mm x 7 mm
A-Scan Line Rate	13,000/sec
B-Scan Image Rate	20/sec
Center Wavelength	840 nm
Sensitivity (OSNR)	100 dB
Output Power	750 $\mu\text{W}$
System Size (w/d/h)	413 x 216 x 153 mm <sup>3</sup>
Scanner Size (w/d/h)	41x 172 x 67 mm <sup>3</sup>
System Weight	2.72 kg

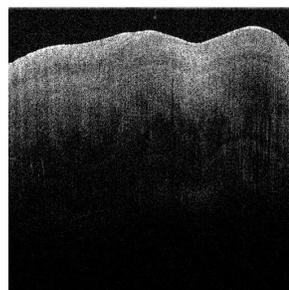
### SAMPLE OCT IMAGES



1. Layers of Scotch Tape



2. Fingernail & Cuticle



3. Layers of a Tooth

**affordable** BASE MODE Includes:  
ENGINE + SCANNER  
+ INTEGRATED PC

Workstation Package: Scanner Stand, Monitor, Keyboard/Mouse

Optional: One Year Of Extended Support & Service

Portability Package: Portable Monitor, Keyboard/Mouse, & Case

\*More options available. See OQ Series Spec sheet.

## RESERVE YOURS TODAY

Contact HaeHong

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