

# VetScope

PathScope (Light Engine, Scanner and Integrated PC) +  
Scanner Stand Monitor, Keyboard & Mouse

## Product Description

Optical Coherence Tomography, better known as OCT, uses light to provide cross-sectional images of micro-layers of tissues and other samples. OCT is a valuable bench tool for Pathologists who want to work smarter and more efficiently with their histological sections. The VetScope system allows for multi-scale lateral resolution and field of view, which helps you more thoroughly explore your ex-vivo samples. Saves time by helping you select fewer, more targeted histological sections.



## Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Image Size            | 512px x 512px                         |
| Depth Resolution      | 7 $\mu$ m in air, 5 $\mu$ m in tissue |
| Transverse Resolution | 15 $\mu$ m                            |
| Scan Range            | 7mm x 7mm                             |
| A-Scan Line Range     | 8,800/sec                             |
| B-Scan Image Range    | 12/sec                                |
| Center Wavelength     | 840nm                                 |
| Sensitivity (OSNR)    | 100 dB                                |
| Output Power          | 750 $\mu$ W                           |
| System Size (inches)  | 13w x 7.5d x 6h                       |
| Scanner Size (inches) | 4.5w x 2.5d x 1.9h                    |
| System Weight         | 6 lbs.                                |

## Features

- Affordable
- Accurate
- Compact
- Easy to use
- Widely compatible

## Applications

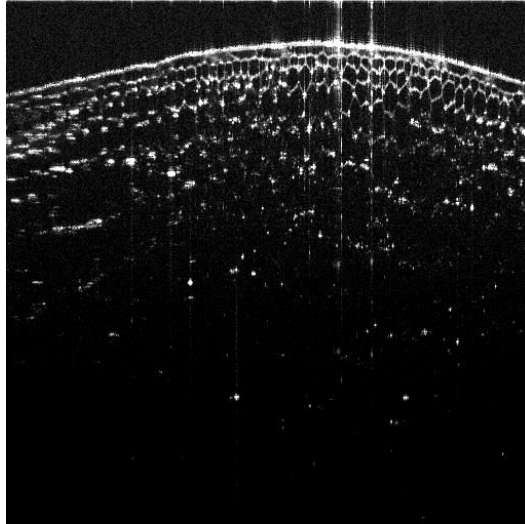
- Imaging tissue

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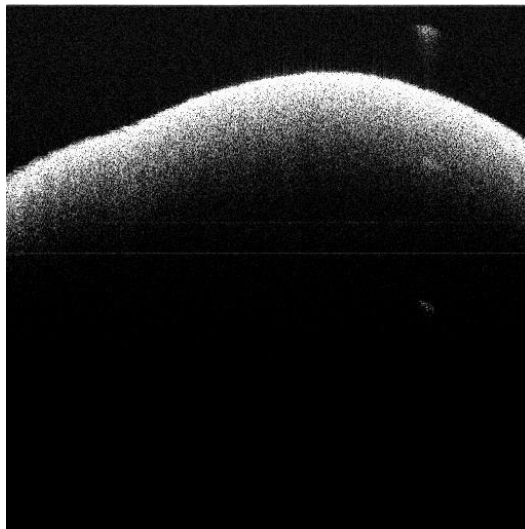
Example I:

Onion skin



Example II:

Ibuprofen



## Ordering Information

**P/N: POVS-840**

\*Product dimensions may change without notice. This is sometimes required for non-standard specifications.