MD INNOVATION TECH GMBH   LabScope OQ Series Performance Comparison

	LABSCOPE 3.0	LABSCOPE 3.0 /R	LABSCOPE 3.0 /XR	LABSCOPE 3.0 /SX	STRATASCOPE 1.0	LABSCOPE 2.0
Center Wavelength	840 nm	850 nm	850 nm	880 nm	1310 nm	840 nm
Axial (Depth) Resolution in Air / in Tissue	8 µm / 6 µm	5 µm / 3 µm	5 µm / 3 µm	3 µm / 2 µm	14 µm / 10 µm	8 µm / 6 µm
Axial Scan Range (Imaging Depth) in Air	3 mm	2 mm	1 mm	1,5 mm	6 mm 4,5 mm in tissue (maximum theoretical	2,5 mm
Transverse Resolution	18 µm	18 µm	18 µm	15 µm	20 µm	18 µm
Transversal (Linear) Scan Range	7 mm	7 mm	7 mm	7 mm	8 mm	7 mm
Volume Scan Range	5 mm x 5 mm	5 mm x 5 mm	5 mm x 5 mm	5 mm x 5 mm	5 mm x 5 mm	5 mm x 5 mm
A-Scan Line Rate	34.000 kHz	34.000 kHz	80.000 kHz	80.000 kHz	16.000 kHz	13.000 kHz
B-Scan Image Rate	22 b-scans / sec	22 b-scans / sec	50 b-scans / sec	50 b-scans / sec	11 b-scans / sec	10 b-scans / sec

OPTIONS OQ Labscope

Workstation Package
Monitor, mouse, keyboard. and scanner

High Speed Line Scan Upgrade
Upgrade to 80.000 a-scans per second

Scanner Stand
Perform more stable scans, hands-free

Microscope Objective Set
40x: 5 mm linear, 3,5 mm x 3,5 mm volume
10x: 2,5 mm linear, 1,8 mm x 1,8 mm volume
40x: 1 mm linear, 0,7 mm x 0,7 mm linear

Single High Powered Light Source
15 mW SLD for 3.0 and /x

Portability Package
Portable monitor, mouse, keyboard, scanner stand and durable pelican case

Borescope
Integrate Scanner with Borescope

Foot pedal
Hands-free image capture ideal for one operator

Camera
Integrate with visible camera and light source

Double High Powered Light Source
Two 15 mW SLD for /R and /RX

Retina Optics (Research use onle)
Scanning optics to image the retina

Chin Rest (Research use only)
Chin Rest for sample with stage for scanner

Extended Depth Range
930 mm center wavelength

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OPTIONS OQ STRATASCOPE

Workstation Package
Monitor, mouse, keyboard. and scanner

Portability Package
Portable monitor, mouse, keyboard, scanner stand and durable pelican case