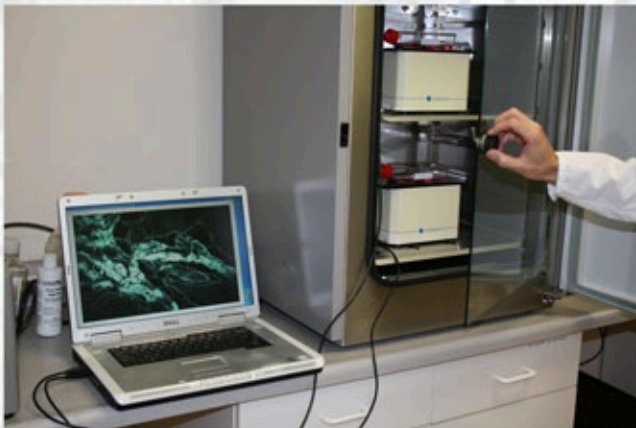


LumaScope

simple • affordable • powerful • flexible

simple

LumaScope requires no setup, almost no training, starts instantly, and uses a familiar PC interface without the need for AC power.

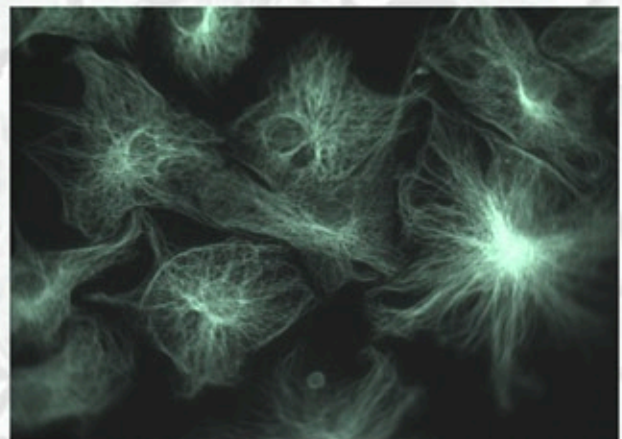


affordable

LumaScope is affordable enough to place at every lab bench, eliminating the inconveniences of shared microscopes.

powerful

LumaScope produces real-time fluorescence video, high-resolution images, and time-lapse capture; delivering research-grade quality for a fraction of the cost of traditional microscopes.

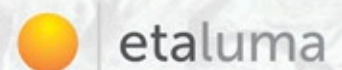


flexible

LumaScope is compact enough to fit in an incubator or a tissue culture hood, portable enough to go into the field, and durable enough for student use.

Etaluma, Inc. • 1914 Palomar Oaks Way, Suite 150, Carlsbad, CA • (760) 298-2355 • info@etaluma.com

Visit etaluma.com for more information!



	LumaScope-500 series
Operating System	Microsoft Windows XP, Windows 7
Image Resolution	800x1280 pixels = 1 MP CMOS Sensor (3x3 microns/pixels)
Image Formats	BMP, TIF, GIF, JPG, PNG, compression is available
Optics	Semrock Filters, diffraction limit
Image Size	100 kB-3.5 MB
Objectives	10x/.25/7.3mm W.D./inf. (default) Optional: 2.5x, 4x, 20x, 40x, 100x
Fluorescence	Excitation: 475/35 BrightLine Bandpass Emission: 530/43 BrightLine Bandpass Dichroic Mirror: 506 nm BrightLine Dichroic Beam Splitter
Image Storage	Defined by PC
Network connection	Through PC
Remote Viewing	Yes, browser-based
PC communication	USB port
Power	USB, AC adapter is optional
LED Life Time	>50,000 hours
Dimension	9 x 5.5 x 5.5 inches or 190 x 125 x 115 mm
Operating Condition	0°C- 42°C, 5%-99% RH non-condensing