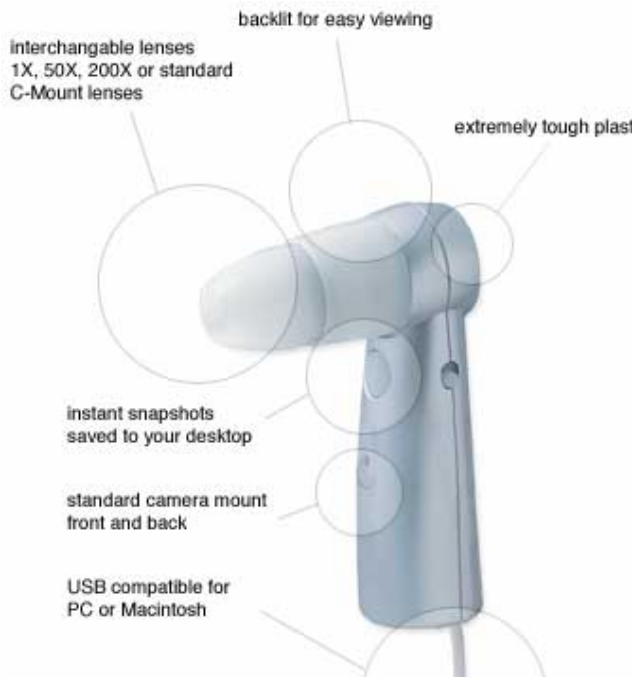


ProScope HR

**HIGH RESOLUTION
HANDHELD MICROSCOPE**

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Hi Resolution Handheld Inspection

Software Included • Made in the USA



Accurate Repeatable Measurement
 within 10 microns! Cannot be achieved with a zoom.

The ProScope™ brings unprecedented flexibility and excitement to the learning process. Gone are the frustrations of conventional microscopes. Finally, the teacher and student can focus on what is important. Encased in high-impact plastic, The ProScope™'s rugged construction and high-quality components are sturdy enough for a crime scene.

Interchangeable lenses provide The ProScope™ with tremendous versatility. With the 0-10X lens, The ProScope™ becomes a high-quality video camera. Magnification can be increased to a startling 200X power in a matter of seconds. The lens mount is an industry-standard C-Mount that will accept third-party lenses.

ProScope HR™ Software

ProScope HR software, for Mac OSX and Windows XP, comes with every ProScope HR and is a free download below. Features include:

- Switch to any of three resolution settings: 320X240, 640X480 and 1280X1024
- Show live views
- Still image capture
- Video capture
- Time lapse capture
- Preview captured images
- Site license for use on your local network
- Standard images files can be saved in any folder

Mac System Requirements:

OS 10.4.8 or later
 Quicktime 7 or later
 G4, G5 or Intel Mac
 Factory installed USB 2.0 or USB1.1 port
 USB 2.0 port recommended.
 A USB 1.1 port may be used but only 640x480 (VGA) and 320x240 (QVGA) modes are supported and at a much reduced frame rate.

Windows System Requirements:

Windows XP service pack 2 or later
 Quicktime 7 or later
 DirectX 9 or later
 P4 or equivalent
 USB 2.0 port recommended.



The ProScope™ is great for:

Industrial inspection of parts, machine tool components, finishes, corrosion, moulds, layers, circuits, wire bonds, fabrics, cables, metal finishes, coatings, powders, paper, filters etc

Education and research applications for all levels including zoology, botany, entomology, embryology, physiology, anatomy, paleontology, earth sciences, metallurgy, materials sciences etc

Medical examinations in the areas of ophthalmology, dermatology, otology, microcirculation, trichology, parasitology etc

Forensic applications such as Anti-Counterfeiting, Ballistics examination, Handwriting analysis, Fingerprint Analysis, Narcotics, Crime Scene and Lab, Blood Spatter, Autopsy, Interrogation Tool, Court Room Presentations, Iris and Dental Identification, Explosives and Fire Investigations

ProScope HR™ Specifications

Imager:	1/4 inch high resolution 1.3Mp color sensor 1,310,720 effective pixels
Interface:	USB 2.0 required for high resolution mode (SXGA) & higher frame rates.
Magnification:	Varies based on attached lens. ProScope HR base unit can also attach to a traditional microscope via our optional C-mount adapter.
	1-10x, 30Nx, 50x, 100x, 200x and 400x lens options available (approximate magnification when displayed on a 14-inch video monitor).
Dimensions:	152mm (length), 45mm (width)
Weight:	About 150g, without lens unit attached. About 185g with lens unit attached.
Power Consumption:	About 400mA When using a 5V light source.
Length of cable:	About 1.8m (6 ft)
Capture Button:	Initiates still, movie, and time lapse capture in ProScope HR software.
Light Switch:	3-position on/off switch for lens LEDs A-OFF-B
Camera Mount:	(2) standard tripod mount 1/4" - 20 threads
Lens Release Button:	Disengages lens lock pin for lens removal.
Video Preview:	30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA)
Video Controls:	Brightness, Contrast, Hue, Saturation, and Sharpness.
Light /White Balance options:	ProScope HR LED, Incandescent, Fluorescent, Daylight, and Auto.
Still Capture:	320x240 pixels (QVGA) 640x480 pixels (VGA) 1280x1024 pixels (SXGA)
Video Capture:	30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA)
Driver:	USB Video Class USB Human Interface Device Class
Operating Temperature Range:	5C-40C
Storage Temperature Range:	-10C-60C (Without condensation)
Other:	RoHS Compliant Made in USA
Warranty:	Two Years



The ProScope™ Stand

Designed and developed for law enforcement, the ProScope™ Stand will steadily hold the ProScope™ in a wide variety of positions. Perfect for law enforcement, industrial inspection, and biology when working at high magnification.

ProScope™ Modular Lenses



30N LENS

The 30N lens utilizes white and polarized LED's for a non-reflective view. Perfect for skin, teeth, gems and metal surfaces.



0-10x LENS

Our most versatile lens, the 0-10x is a variable focus lens that can be used as a webcam, still or video camera lens, or manually adjusted to 10x magnification. Perfect for text, dissection, entomology, gems, crime scene investigation, circuit board inspection, assembly inspection and much more. 12 white LEDs give great illumination at short distances. Turn the LEDs off and use your own light source.



50x LENS

Preferred by science educators and law enforcement investigators, the 50x lens is the best base lens to start with for almost any use.



100x LENS

Perfect for fingerprints, agricultural inspection, general biological studies. With this lens you can actually watch perspiration ooze from the pores on your fingerprints.



200x LENS

Perfect for fiber analysis, ballistics, print inspection and microorganism study.



400x LENS

Our most powerful lens, used for microorganism imaging.



C-Mount Adapter

Use your own optics with our industry standard 25.4mm c-mount adapter. Attach the ProScope to an existing microscope, telescope or camera lenses to capture digital images and expand your digital imaging tools.



Lens Tube Adapter

If your microscope DOES NOT have a c-mount, our microscope lens tube adapter slides into a common 23mm ocular tube under the eyepiece which makes the connection from the ProScope to your microscope or telescope. YOU MUST USE THE C-MOUNT ADAPTER WITH THE MICROSCOPE LENS TUBE ADAPTER TO BE ABLE TO ATTACH THE PROSCOPE TO YOUR MICROSCOPE OR TELESCOPE.

**NEW FOR THE PROSCOPE HR
0-10X LENS WITH LED LIGHTING**



Perfect For:
Hair and scalp exams
Dermatology
Dissection
Coins and stamps
Entomology
Crime scene investigation
Webcam
And much more.



NOW SHIPPING!

Comes standard in every ProScope HR CSI Kit, Lab or Advanced Lab. Can be purchased separately.



ProScope HR™ CSI Science Level 1

- Kit Includes:**
- ProScope HR™
 - 0-10x Lens
 - 50x Lens
 - Carrying Case



ProScope HR™ CSI Science Level 2

- Kit Includes:**
- ProScope HR™
 - 0-10x Lens
 - 50x Lens
 - 200x Lens
 - Precision Stand
 - Carrying Case



ProScope HR™ Lab

- Kit Includes:**
- ProScope HR™
 - 0-10x Lens
 - 50x Lens
 - 200x Lens
 - Precision Stand
 - C-Mount Adapter
 - Lens Tube Adapter
 - Carrying Case

As used on all three CSI series.



ProScope HR™ Advanced Lab

- Kit Includes:**
- ProScope HR™
 - 0-10x Lens
 - 30N Lens
 - 100x Lens
 - 400x Lens
 - Precision Stand
 - C-Mount Adapter
 - Lens Tube Adapter
 - Carrying Case