

ProScope HR™

High Resolution, Handheld Digital Microscope *Designed for forensic applications*

ProScope HR™ System

The ProScope HR™ is a high resolution handheld USB microscope which can be readily brought into the field connected to a laptop for imaging and recording.

Traditional microscopes are less easy to bring into the field and they are limited to the magnification fixed on the microscope.

The compact ProScope HR™ uses a 1.3 Megapixel imaging chip and modular lenses so you can easily adapt the ProScope HR™ to your requirements and obtain additional lenses as needed. The optional stand and C-mount makes the ProScope HR even more versatile for high magnification and laboratory applications.

Most lenses have a built in bright LED illumination system and an adjustable lens cone for touch view. Touch view brings the image automatically into focus and will steady the images for clearer imaging.



The included software for Windows and Mac captures stills, videos and time lapse images. Switch from stills/video/time lapse at 640x480 to 320x240 for higher frame rate or to 1280x1024 for high resolution stills.



Available in four kits for forensic applications with a sturdy protection case.



- Kit Includes:
- ProScope HR™
 - 1-10x Lens
 - 50x Lens
 - Carrying Case



- Kit Includes:
- ProScope HR™
 - 1-10x Lens
 - 50x Lens
 - 200x Lens
 - Precision Stand
 - Carrying Case



- Kit Includes:
- ProScope HR™
 - 1-10x Lens
 - 50x Lens
 - 200x Lens
 - Precision Stand
 - C-Mount Adapter
 - Lens Tube Adapter
 - Carrying Case



- Kit Includes:
- ProScope HR™
 - 1-10x Lens
 - 50x Lens
 - 200x Lens
 - 400x Lens
 - Precision Stand
 - C-Mount Adapter
 - Lens Tube Adapter
 - Carrying Case

ProScope HR™ Applications

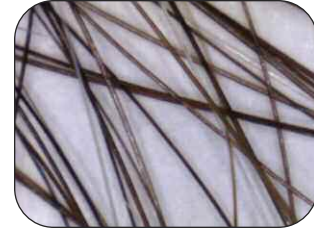
The compact handheld ProScope HR is easy to use: point to and touch the object surface and press the button to record. Connected to a laptop, forensic investigation can start right at the crime scene which saves valuable time, enables microscope detail documenting and allows for high resolution imaging of objects which are difficult to bring in a laboratory environment. Applications examples are:



50x
Bullet



50x
Fabric



50x
Hair



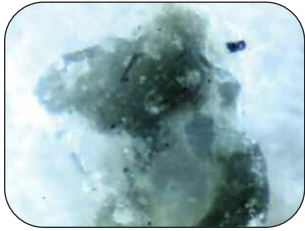
50x
Fibers



50x
Finger Print



50x
Document



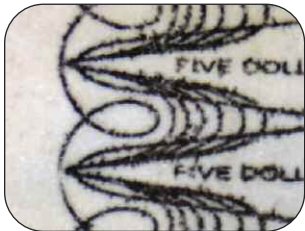
200x
Particle



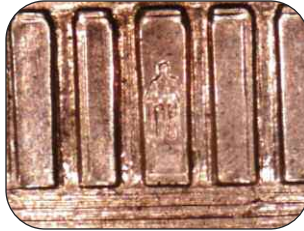
50x
Powder



50x
Stamp



50x
5 Dollar



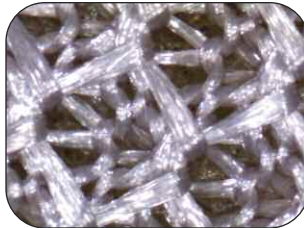
50x
Penny



50x
Surface Wear



50x
Insect



50x
Shoe Fabric



50x
Metal Surface

Ordering Information:

ProScope HR™ Base Unit

- 22670-100 ProScope HR™ Base unit w/o lens
- 22670-120 ProScope HR™ with 50x lens

ProScope HR™ Kits

- 22670-10 ProScope HR™ CSI - Science Level 1 Kit
- 22670-11 ProScope HR™ CSI - Science Level 2 Kit
- 22670-12 ProScope HR™ CSI - Lab Kit
- 22670-4 ProScope HR™ CSI - Advanced Lab Kit

ProScope HR™ Lenses and Accessories

- 22670-301 1-10x Lens (no illumination)
- 22670-303 30x Lens with non reflective option
- 22670-305 50x Lens with integrated illumination
- 22670-310 100x Lens with integrated illumination
- 22670-320 200x Lens with integrated illumination
- 22670-340 400x Lens with integrated illumination
- 22670-350 C-mount Adapter
- 22670-360 Microscope Tube Adapter (needs C-mount adapter)
- 22670-200 ProScope™ Precision Stand
- 22670-441 ProScope™ CSI - Lab Kit Case

Specifications:

Imager Interface	1/4" high resolution 1.3Mp color sensor USB 2.0 or USB 1.1 USB 2.0 required for high resolution mode (SXGA) and higher frame rates.
Capture Button	Initiates still, movie and time lapse capture in ProScope HR™ software.
Light Switch	3-position on/off switch for lens LEDs
Still Capture	USB 2.0 High Speed 320 x 240 pixels (QVGA) 640 x 480 pixels (VGA) 1280 x 1024 pixels (SXGA)
Video Capture	USB 2.0 High Speed 30 fps @ 320 x 240 pixels (QVGA) 15 fps @ 640 x 480 pixels (VGA) 3.75 fps @ 1280 x 1024 pixels (SXGA)
Viceo Controls	Brightness, Contrast, Hue, Saturation and Sharpness.



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