



Low-cost, non-articulating, high quality, and fully portable!

Made in USA

PRECISION BORESCOPIES

Hawkeye® Classic Flexible Video Borescopes are the perfect choice when portability, and easy image capture, are key factors. These high quality, affordably priced video borescopes are much more durable than fiberoptic borescopes, low cost, and completely portable. Hawkeye Classic Flexible Video Borescopes come complete with video monitor, LED light source, and image capture capability, all in one, easy-to-use device.

Classic models are 8 mm in diameter, non-articulating, and come with plastic coated stainless steel gooseneck sheathing which takes a set before insertion into a cavity. Hawkeye Classic Flexible Video Borescopes are available in standard lengths of 1.5, 3.0, 6.0, and 12.0 meters. Custom length scopes are available by special order.

Hawkeye® Classic Flexible Video Borescope Specifications

Diameter	8.0 mm
Lengths	1.5, 3.0, 6.0, and 12.0 meters
Articulation	None
Field-of-View	50°
Direction-of-View	0°, or use 90° tip
Sheath	Stainless steel gooseneck covered with PVC
Illumination	Micro LED with intensity adjustment
Display	3.5" TFT LCD
Interfaces	Mini USB 1.1 and AV/out
Power	DC 5V
Battery	2.5 hr. run time, rechargeable lithium
Recording Media	SD card (up to 2GB)
Digital Photo Format	JPEG (640 X 480)
Video Format	ASF (320 X 240), playback with Windows Media Player



Plastic Coated, Stainless Steel Gooseneck Sheath

Bright, Clear Images
5x higher definition than fiberscopes

Outside Diameter
.315 inches (8 mm)

Lengths of 1.5 - 12 m

Still Image Capture
Video Capture



90° Tip (Optional)



Hawkeye® Classic Flexible Video Borescopes

Diameter	Length	Articulation	Sheath	Model #
8.0 mm	1.5 m	None	Gooseneck	CVS 080 1500
8.0 mm	3.0 m	None	Gooseneck	CVS 080 3000
8.0 mm	6.0 m	None	Gooseneck	CVS 080 6000
8.0 mm	12.0 m	None	Gooseneck	CVS 080 12000

Microscope / Borescope Inspection Station

Easily converts from microscope to borescope, for external or internal inspections

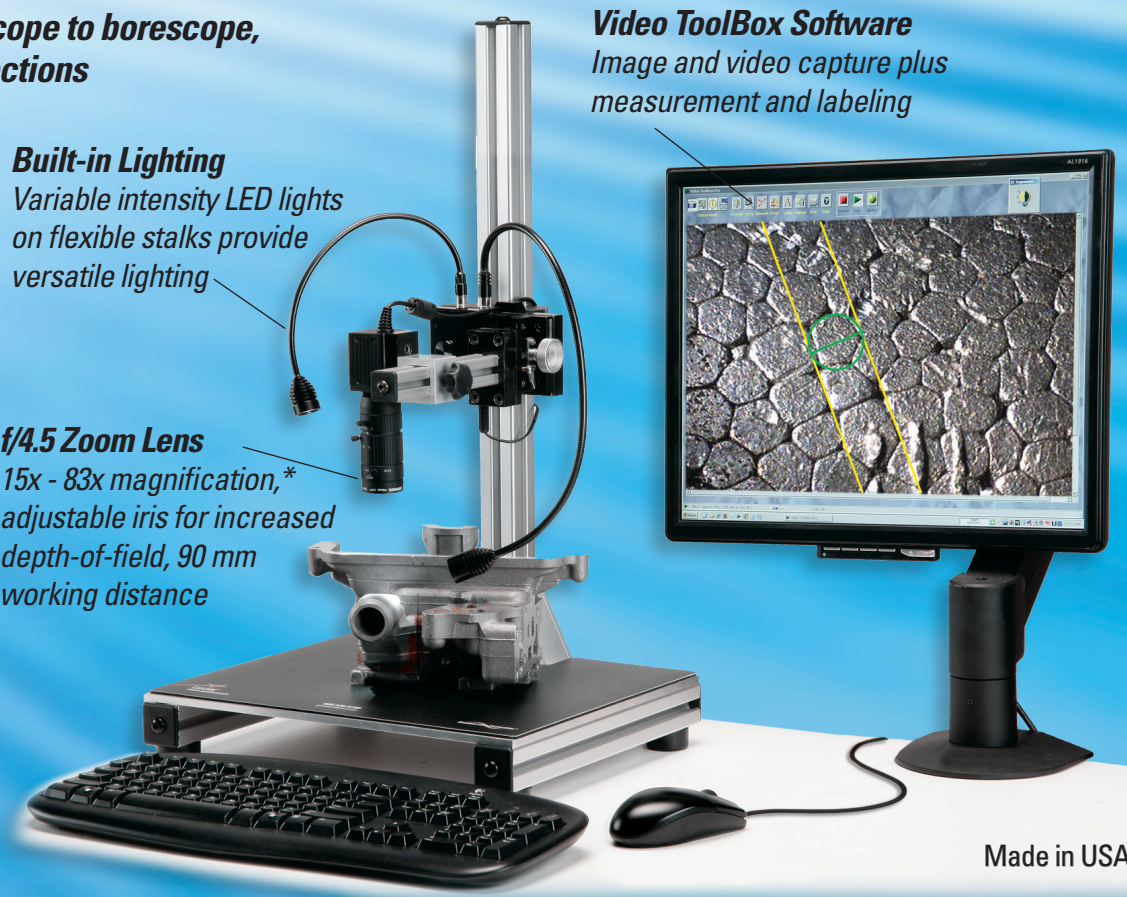


VIDEO MICROSCOPE

The Luxxor® Video Microscope can be used both as a microscope or with a borescope. The high quality, f/4.5 zoom lens delivers sharp, close-up views of the exterior of any object placed on the microscope's 15" x 10" table. Built-in, flexible gooseneck, LED illumination provides ample, versatile, convenient illumination. Generous column height allows viewing of objects up to 16 inches high. Additionally, any Hawkeye® Precision Borescope, and most other borescopes, can be quickly and easily mounted with an optional adapter, allowing high-quality, close-up, internal inspection.

Built-in Lighting
Variable intensity LED lights on flexible stalks provide versatile lighting

f/4.5 Zoom Lens
15x - 83x magnification,* adjustable iris for increased depth-of-field, 90 mm working distance



Video ToolBox Software
Image and video capture plus measurement and labeling

Made in USA

Key Benefits:

- Conduct internal and external inspection
- Capture video or still images
- Metrology feature allows accurate measurement
- Document, store, and e-mail results
- A more comfortable, ergonomic alternative to stereo microscopes

Luxxor® Video Microscope Specifications:

System Magnification.....	15x - 200x**
F/#	4.5
Working Distance	90 mm
Field-of-View	24 mm - 4.0 mm
Resolution in Object Space	5 microns
Camera	1.3 MP (1280 x 1024 pixels), 1/2" CMOS
Stage	2-axis with rack and pinion focusing
Measurement Accuracy	+/- 0.001" at 15x,
Illumination Unit	2 adjustable, LED Goosenecks
Video Output.....	USB 2.0
Power Supply	110 VAC
Table Size	15" x 10"
Maximum Object Height	16"

Computer requirements: Windows 2000/XP/VISTA computer, Pentium 1.8 GHz processor or better, Minimum 512KB RAM, Free USB 2.0 high speed port.

**With 2.5x Converter.



As a microscope



With a borescope
(with optional VC-35 Video Coupler)

Luxxor® Video Microscope & Accessories

Product	Model #
Luxxor® Video Microscope	LVM-1
Borescope Adapter (optional)	VC-35
25 mm Lens (~ 7x magnification)	LVML-25
12 mm Lens (~ 3.5x magnification)	LVML-12
1.5x Converter	1.5X CVTR
2.5x Converter	2.5X CVTR

Borescopes and video coupler sold separately. Computer and monitor not included.
*Based on 19" monitor.