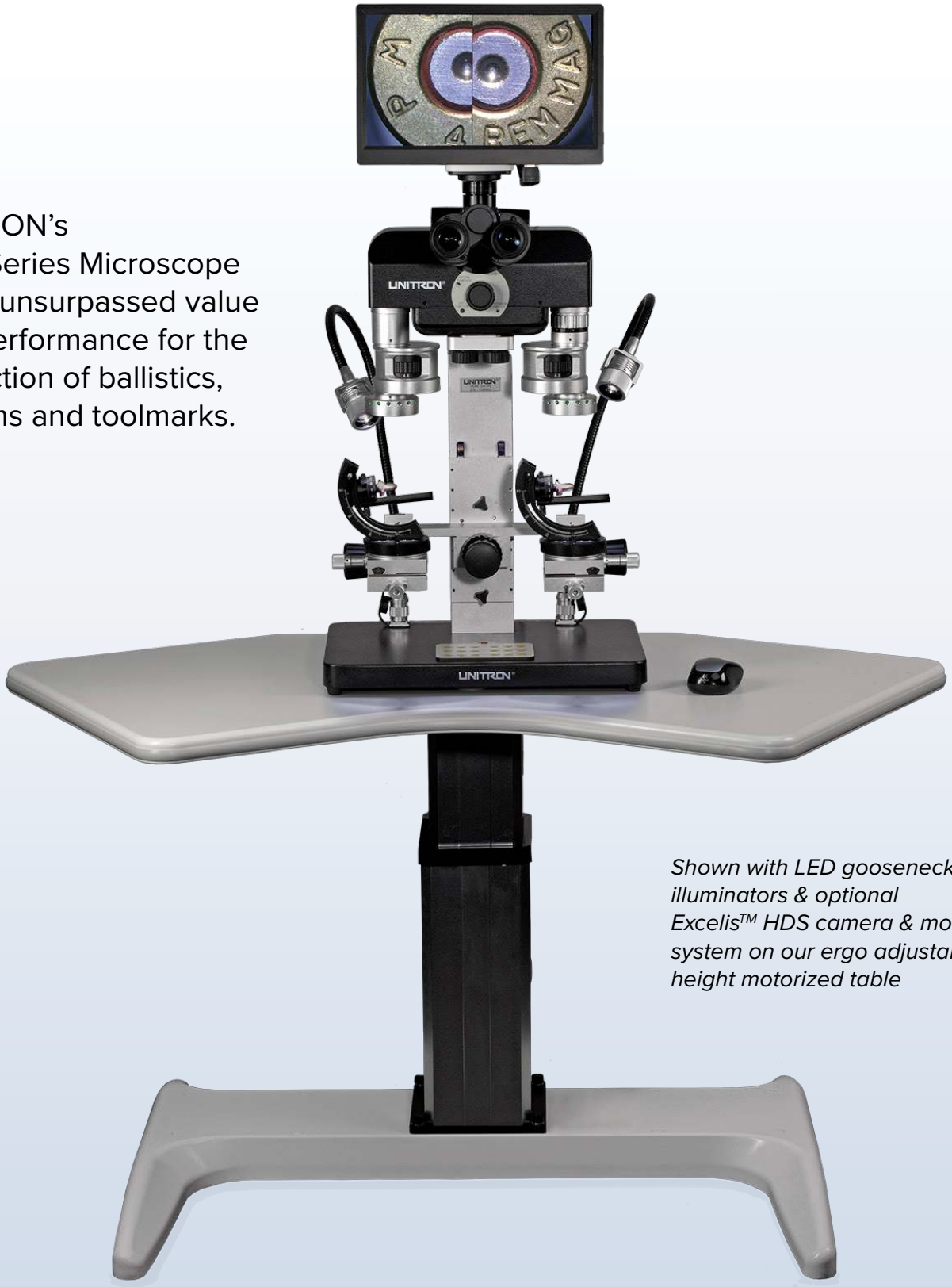
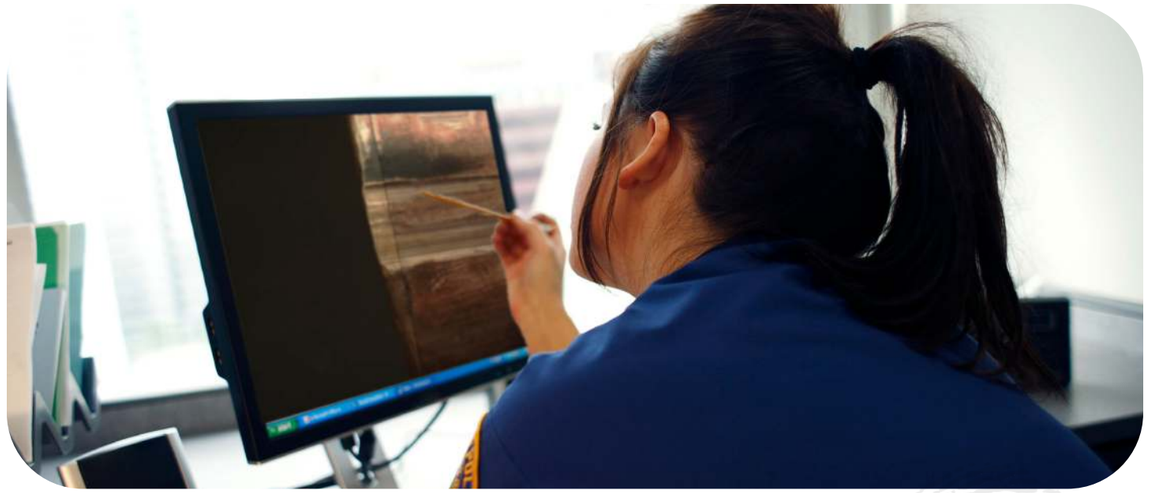
UNITRON®

CFM SERIES
COMPARISON FORENSIC MICROSCOPE

UNITRON's
CFM Series Microscope
offers unsurpassed value
and performance for the
inspection of ballistics,
firearms and toolmarks.



Shown with LED gooseneck illuminators & optional Excelis™ HDS camera & monitor system on our ergo adjustable height motorized table



Standard Specifications

- 6 matched magnification steps - 0.4x, 1.0x, 1.5x, 2.0x, 3.0x and 4.0x
- Images can be viewed as 100% right, 100% left, split or superimposed
- The split image dividing line can be adjusted to any desired line width, offering maximum flexibility
- CWF 10x eyepieces, 22mm field of view and CWF 20x eyepieces, 13mm field of view
- Working distance – 106mm
- Two 65mm diameter circular, ball bearing precision stages with horizontal coaxial stage controls
- The stage movement ranges when moved independently are 56mm of X-axis, 56 mm of Y-axis and 56mm of Z-axis movement
- Stage movement range when using the combined focus block is 80mm on the Z-axis movement
- Universal bullet holder allows for the rotation and inclination of objects along a 90° vertical to horizontal positioning range on a 360° rotatable platform.
- 2.5 watt Circular LED Ring Light mounted to each optical system
- Two 3 watt LED flexible light guides with focusing lenses or two 7 watt fluorescent lights
- A wide range of stage mounting plates, wire holders, bullet and cartridge holders
- Built-in touch pad to control and sync all lighting options
- Interpupillary distance adjustment range of 50 – 75mm



Shown with LED gooseneck illuminators & optional camera

Exceptional Value & Performance

Simultaneous Observation

With a choice of either a tilting (0°-35°) or standard (45°) binocular viewing head, evidence can be observed simultaneously via the precision engineered comparison bridge that supports two sets of matched objective sets on a 6-step magnification changer.

With our unique one-touch sync, each light setting can be easily matched for both sides

Optional Accessories

- CWF 16x/16mm field of view, CWF 20x/13mm, CWF 25/13MM and CWF 30x/9mm eyepieces
- Auxiliary objectives 0.4x and 2.0x
- Digital & HD cameras
- Camera Adapters — 0.4x and 1.0x
- Photo tube
- 1 watt coaxial LED illuminators
- Daylight, UV, Green or Red LED circular attachable light guides
- Polarizer





Erect, Unreversed Images

The CFM Series is equipped with 22mm field of view eyepieces and produces erect, unreversed images that move in the same direction as the specimen for ease of use.

CFM SERIES
COMPARISON FORENSIC MICROSCOPE

UNITRON®



CAT# 16205
Shown with LED gooseneck illuminators, optional ergo head & optional camera ▶



◀ Shown with fluorescent gooseneck illuminators, optional ergo head, optional camera, & optional flat top, tiltable & rotatable stage for toolmark examination





CAT# 16206
Shown with fluorescent gooseneck illuminators & optional camera ▶

OPTICAL DATA

Objective Magnification	Working Distance (mm)	EYEPIECE					
		WF 10X/22	WF 16X/16	WF 20X/13	WF 25X/13	WF 30X/9	CCD Adapter 0.4X
		Total Magnification	Total Magnification	Total Magnification	Total Magnification	Total Magnification	
0.4X	106	4X	6.4X	8X	10X	12X	1.6X
1.0X		10X	16X	20X	25X	30X	4X
1.5X		15X	24X	30X	37.5X	45X	6X
2.0X		20X	32X	40X	50X	60X	8X
3.0X		30X	48X	60X	75X	90X	12X
4.0X		40X	64X	80X	100X	120X	16X

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ISO 9001:2015 ISO 14001:2015 RoHS