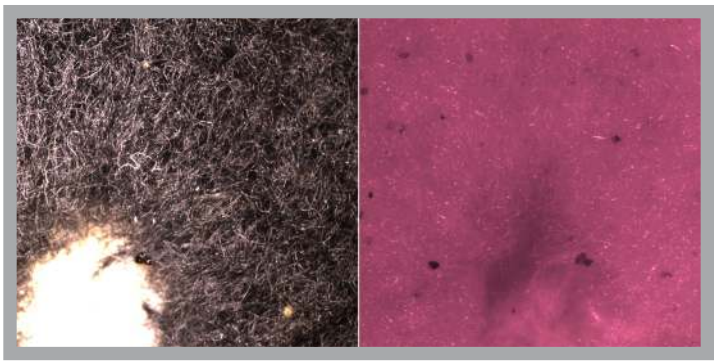
LEEDS N-IRC
Near-Infrared Color Camera & Software Upgrade Kit for Zeiss Stemi 508

The Leeds N-IRC **Near Infrared (N-IR) and white light imaging kit** provides a single CCD color camera for the Zeiss Stemi Stereo Microscopoe -- yielding real-time, high contrast, visible light (color) and N-IR images.

N-IRC kit includes Leeds Vision & Annotation software. All software measurements include and ISO/IEC 17025:2017 accredited certifcate of calibration that is traceable to NIST standards.

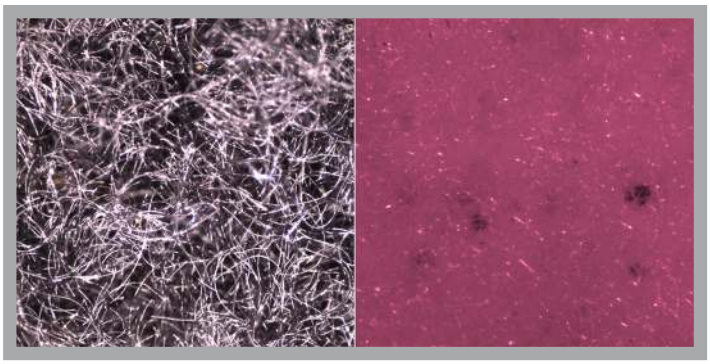
The N-IRC kit is available as an upgrade for your Zeiss Stemi microscope, or as part of a new Stemi system.

White Light **Infrared Light**



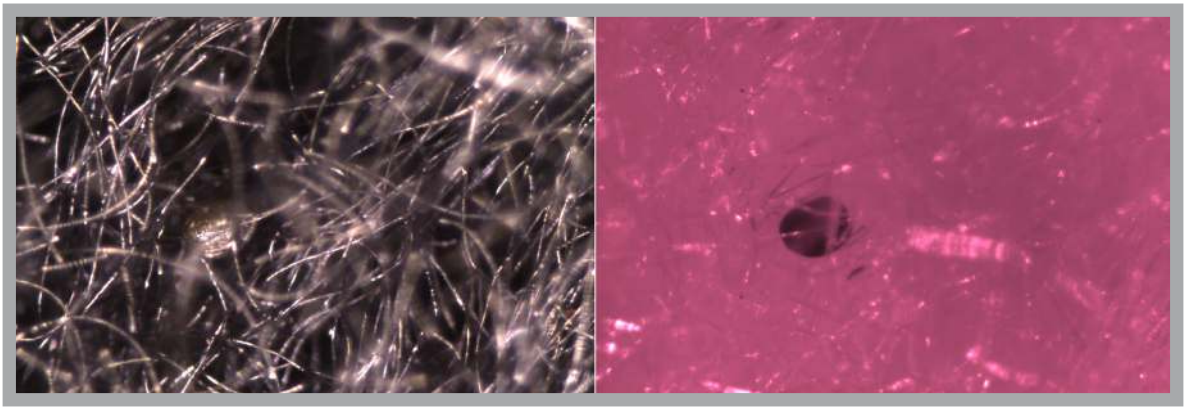
Gun Shot residue image taken at low magnification

White Light **Infrared Light**



Gun Shot residue image taken at medium magnification

White Light **Infrared Light**



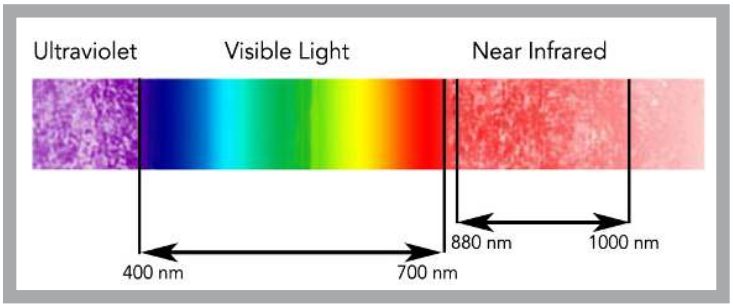
Gun Shot residue image taken at high magnification

GSA Schedule Contract GS-07F-097CA

Leeds N-IRC Kit Specifications

Camera:

- 2.8 MP CCD camera with16-bit color.
- Highly sensitive and light efficient for both the visible and near-infrared spectrums.
- Up to 40 frames per second live refresh rate at full resolution and full bit depth.
- 65db Dynamic Range.
- Camera is software-controlled with adaptive autobrightness/exposure control.



SFilter Adapter (2-position):

- Visible light images (400nm - 700nm)
- Infrared images (LP filter 830nm)

IR Spot LED Illuminator:

- 860 nm LED.

Leeds Custom Base Assembly:

- Leeds Boom Stand, Base Plate & Column.
- Leeds Articulated Boom Arm.



Leeds N-IRC color camera and software kit for Zeiss Stemi 508



Zeiss Stemi 508 Stereo Microscope:

- Trinocular body, Greenough Design.
- 7.7:1 apochromatically corrected zoom optics with a magnification range of 0.65x-5x (6.5x-50x with 10 x eyepieces.)
- Zoom range has 10 click stops for repeatable calibrated observations.
- Eyepiece PL 10x/21 br focus.

Software:

- Leeds Vision Software provides control of the camera and allows the capture and saving of digital images in standard image formats (TIFF, JPEG, BMP, PNG) with metadata.
- Provides annotation and pre-calibrated measurement tools, along with the capability to perform side-by-side comparisons of two captured images.
- Includes an ISO/IEC 17025:2017 certificate of calibration for all measurement functions of the N-IRC system traceable to NIST standards.

LEEDS

Your Forensic Imaging Source

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