

FSIS

FOR THOSE WHO NEVER COMPROMISE



FSIS LAB

The Full Spectrum Imaging System (FSIS) is the most advanced forensic image capturing system in the world. Every aspect of the FSIS has been carefully designed to provide the only full spectrum imaging system able to capture at the highest resolution available. The FSIS features a patented 16MP digital camera with 78mm UV lens. With over 16 megapixels of resolution and sensitivity from 254nm to 1100nm, the FSIS can easily capture a full handprint at 1000 ppi (pixels per inch), and micro evidence up to 3,500 ppi. No more looking for a latent fingerprint with a handheld RUVIS and then blindly photographing the evidence in order to get a high resolution image. No more green, grainy, low resolution images with a capture area limited to 1"x 1" by the old RUVIS technology. The FSIS will digitally capture a high resolution image and display it in real time. The system begins with the patented camera and continues with the computer, an all-in-one Apple iMac with 27" display running on Windows 7. The system's patented curved surface software is revolutionary. Now, evidence can be captured even on round or curved surfaces, such as a wine glass, using the integration feature. With a state of the art computer, a high sensitivity solid state camera, and software written specifically for capturing various types of evidence, the FSIS provides consistent sensitivity and sharpness in the UV, visible and IR spectrums. The FSIS lab system is designed specifically for a laboratory environment. A large display and articulating arm allow for clear, fast evidence scanning. Achieve hands-free image capture with a mounted UV light and a foot pedal. Approximate lab footprint is 36" x 36" x 24".

A-FS-1-FS \$55,995.00

Price includes 1 year manufacturer warranty.

*Extended warranty available upon request.

Patent Number 9294689 Camera: Full Spectrum Imaging System (FSIS)

Patent Number 9292726 Software: Photography of 3D, Curved and Textured Surfaces (Integration)

WHAT'S INCLUDED

- Apple iMac All-In-One Computer, Intel Quad Core 3.2GHz, 8GB RAM, 1TB Hard Drive, with a 27 inch, 2560 by 1440 pixel display, a wireless mouse and keyboard running Windows 7.
- 16MP Digital FSIS camera w/ 16 Megapixel resolution able to capture a 4.9" by 3.3" area with 1000 PPI resolution from 254nm to 1100nm. (Camera has 1/4-20 mount)
- Foot Pedal (for hands-free image capture)
- Patented Curved Surface Software
- Articulating Camera Arm
- Flexible Arm for Light Source
- 78mm UV Lens with Universal Filter Holder
- Dual 6W 254 UV Light
- 3 watt, 365nm (UV) LED lamp
- 3 watt, 455nm (Blue) LED lamp
- 3 watt, 525nm (Green) LED lamp
- 3 watt, 625nm (Red) LED lamp
- 3 watt, 850nm (IR) LED lamp
- 365nm Bandpass Filter
- 445nm Blue Filter
- 695nm IR Filter
- 3 Position Filter Slider includes: 254nm UV, 550nm Orange, 830nm IR Filter
- UV Faceshield
- UV and Orange Goggles
- 1 Year Manufacturer Warranty
- *Extended Warranty available upon request

Specifications subject to change.

EXHIBIT

A

Images of latent prints on a credit card were developed with cyanoacrylate & revealed using a 254nm UV lamp & specialty UV filter (both included with the Workstation).



A The evidence is a lightly fumed credit card with complex background.



B High contrast prints are revealed & background is dropped. Process time took less than 2 minutes.

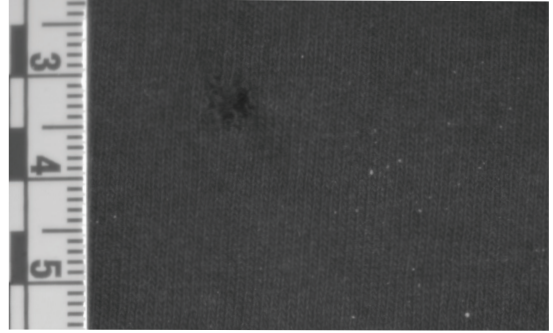
“A print was identified quickly... as a result, the house was surrounded within hours and police arrested two members of a notorious drug cartel.”

Tom Smith | Chief
St. Paul Police Department

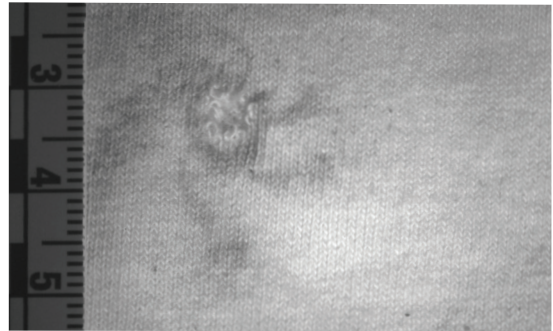
EXHIBIT

B

Detecting GSR on a black t-shirt can be challenging. Using the IR flashlight & IR filter (both included with the Workstation), contrasting detail can be easily viewed and captured.



A The evidence is a black t-shirt with a gunshot through it.



B High contrast particle details are revealed using IR lighting and filters. Process time took less than 2 minutes.

“One of the most revolutionary pieces of forensic equipment to hit the market in years.”

Cory M. Rodivich | Crime Scene Supervisor
Wichita Police Department

“The Ferrari of crime scene processing.”

Greg Mason | Forensic Science Manager
Pinellas County Sheriff's Office

CONTACT US FOR A DEMONSTRATION AT YOUR AGENCY!
email us at info@arrowheadforensics.com

