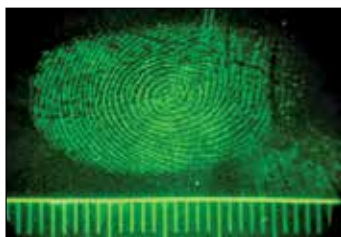




# RUVIS Systems

## Reflected Ultraviolet Imaging

Detect latent fingerprints without the use of powders or chemicals by using Reflected Ultraviolet Imaging Systems (RUVIS) at the scene or in the lab. RUVIS is most effective on smooth, non-porous surfaces (flooring, walls, countertops, tables) and on multi-colored surfaces like magazine covers.



How it works: Reflected Ultraviolet Imaging Systems (RUVIS) uses shortwave UV light. This light is reflected or absorbed by most surfaces but with the residues in fingerprints, the UV light is reflected and scattered. Using a special lens and a UV filter, the system converts the UV wavelength to visible light, revealing the latent print.

Use RUVIS imaging systems to help:

- Find fingerprints and footwear impressions on smooth, non-porous surfaces
- Enhance the ability to see cyanoacrylate fumed prints without further enhancement
- Detect other evidence you may not have otherwise seen

Our RUVIS systems come in four different models to match your needs including:

- Krimesite™ Imager
- Scan-n-Find Imager
- Cyclops Imaging System
- The LABKAM®



Training is essential to get the most out of your RUVIS unit. Sirchie offers training for purchase as a service via our KSSTRAIN offering. Contact us for more details.

## RUVIS Pro Tips



Smudges and smears are commonplace at the crime scene and are often passed over by evidence technicians due to lack of identifiable ridge detail. However, deposits and residues can still be useful if they contain the perpetrator's DNA profile. There's been a number of cases when this has helped to identify evidence.

For evidence technicians, the problem is that you have to locate these potentially flawed latent prints. The Krimesite Imager can find these untreated latent fingerprints on many smooth non-porous surfaces.

Please keep in mind that DNA will degrade if DNA is overexposed to shortwave UV light for an extended period of time. The degradation depends on many factors, including:

- The intensity of the light source being used
- The distance that the light source is from the DNA
- The amount of exposure time
- The type of stain or residue.

Your agency should develop a standard operating procedure (SOP), such as the one below:

If you're using the Imager to search for latent prints and see what may be biological stains or other sources of trace DNA, we highly recommend you follow the procedure below:

- Turn OFF Shortwave UV light source
- Swab the suspected area for potential trace DNA
- Cover suspected area with UV-blocking material to shield potential trace DNA from shortwave UV light source.
- Finish conducting your search for untreated latent fingerprints.



**Pricing information:**  
 For current pricing, please consult the included price list, visit [www.sirchie.com](http://www.sirchie.com), or call (800) 356-7311

### Krimesite™ Direct View Kit

The Krimesite sets the standard for investigating crime scenes. This imager has an exceptional lens (60mm UV lens) and a dual filter slide assembly that together lets investigators photograph evidence without changing any configuration.



The Krimesite Imager can be configured for use several ways

**No. KSS60**

**Krimesite Direct View Kit**



### Krimesite™ Direct View Kit with Black Talon Stabilizer

The Black Talon Stabilizer is designed for investigators to get the correct lens-to-subject distance for photography. Available as a single item or as part of the Krimesite Imager Direct View Kit. Features are:

- It has a built-in precision laser-engraved sliding photo evidence scale.
- Shortwave UV lamps are attached to the fully adjustable support/ swing arms so investigators can get the angle you need.
- The talon stabilizer was created for the Krimesite Imager and it can be used as a rest spot for the Imager when not in use.
- For close-up photography, tripods can become cumbersome. The stabilizer eliminates this with sturdy support on many surfaces.
- If a standard tripod is needed, the stabilizer can be mounted on it for use.



**No. KSS60TALON**

**Krimesite Direct View Kit w/Black Talon Stabilizer**

### Krimesite™ Imager Master RUVIS Kit

This kit includes both a Krimesite Imager and a Cyclops unit. This allows investigators to work efficiently alone or as a team to use the Cyclops for scanning the full scene to identify areas of interest and the Krimesite to capture images of the print with a mounted digital camera (not included). This kit features:

- The Krimesite Imager can be used in the laboratory and for photographing untreated latent fingerprints



**No. KSS60MRK**

**Krimesite Imager Master RUVIS Kit**

### Master RUVIS Kit with Scan-N-Find

This kit is an alternative to the Master RUVIS kit where the Scan-n-Find takes the place of the Cyclops unit. Some investigators prefer the single eye form and function of the Scan-n-Find. The kit offers the same efficiency as the other Master RUVIS kit in a different package. This kit features:

- The Krimesite Imager can be used in the laboratory and for photographing untreated latent fingerprints
- The Scan-n-Find is ideal for the crime scene and helps find latent print evidence that is easily overlooked.

No. **KSS60SNF**

**Master RUVIS Kit with Scan-N-Find**



### Scan-N-Find Pocket Imager Kit

An affordable alternative to the KrimeSite Imager, the Scan-N-Find Imager simplifies the search for potential latent print evidence that could be easily overlooked.

- With a wide-angle 25mm UV lens, investigators can scan a large area in a short amount of time.
- A laser pointer is included

Please note: to photograph close-up fine ridge details, you will need the Krimesite Imager.



No. **KSS8900**

**Scan-N-Find Pocket Imager Kit**

### Cyclops Imaging System

The Cyclops is a hands-free RUVIS system unit that can be handheld or configured in a head mount assembly for hands-free use or used in a detachable pistol grip. The kit comes with everything you need for operation, including necessary goggles, lights, and photographic reference scales.



Untreated latent print on a metal filing cabinet as it may appear through the Cyclops Imager.



No. **KSS7900**

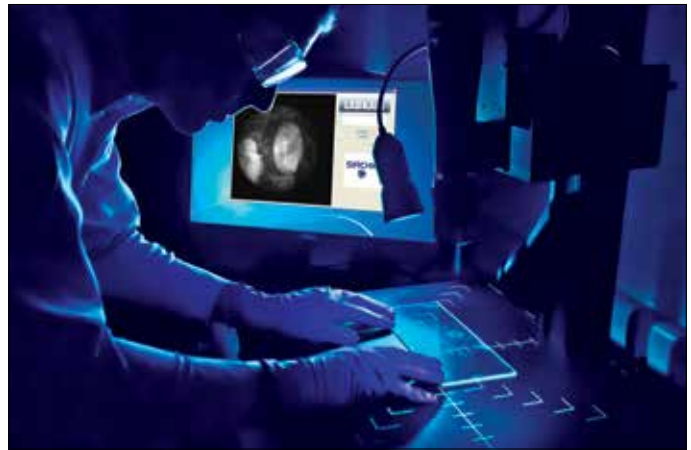
**Cyclops Imaging System**

## LABKAM Laboratory RUVIS Capture System

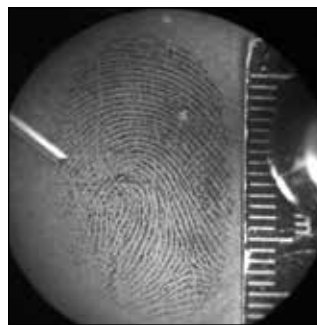
Get the power of RUVIS (Reflected Ultraviolet Imaging System) technology into your forensic lab in a user-friendly turnkey laboratory package. The LABKAM combines the technology of the Krimesite Imager into a digital video system. Users can easily search evidence and capture superior quality latent print images.

**The LABKAM video system has:**

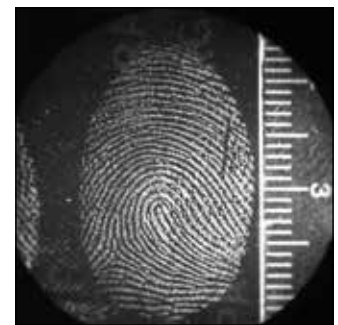
- A digital video feed in a true grayscale, and with the option to capture images in different formats, such as RAW, TIFF, and JPG.
- Includes a note field for each image, ensuring information doesn't get lost in the laboratory.
- The two 3-watt narrow band UV bulbs are mounted on flexible arms, letting investigators get correct orientation without holding anything.
- The mechanism to easily switch from flat objects to 3D objects.



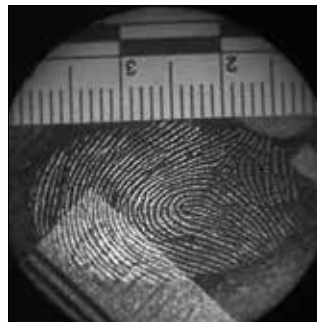
**No. LABKAM Laboratory RUVIS Capture System**



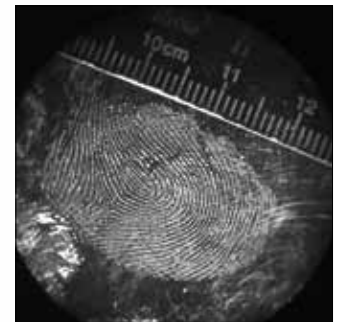
Untreated print on black painted metal.



Untreated print on glossy magazine cover.

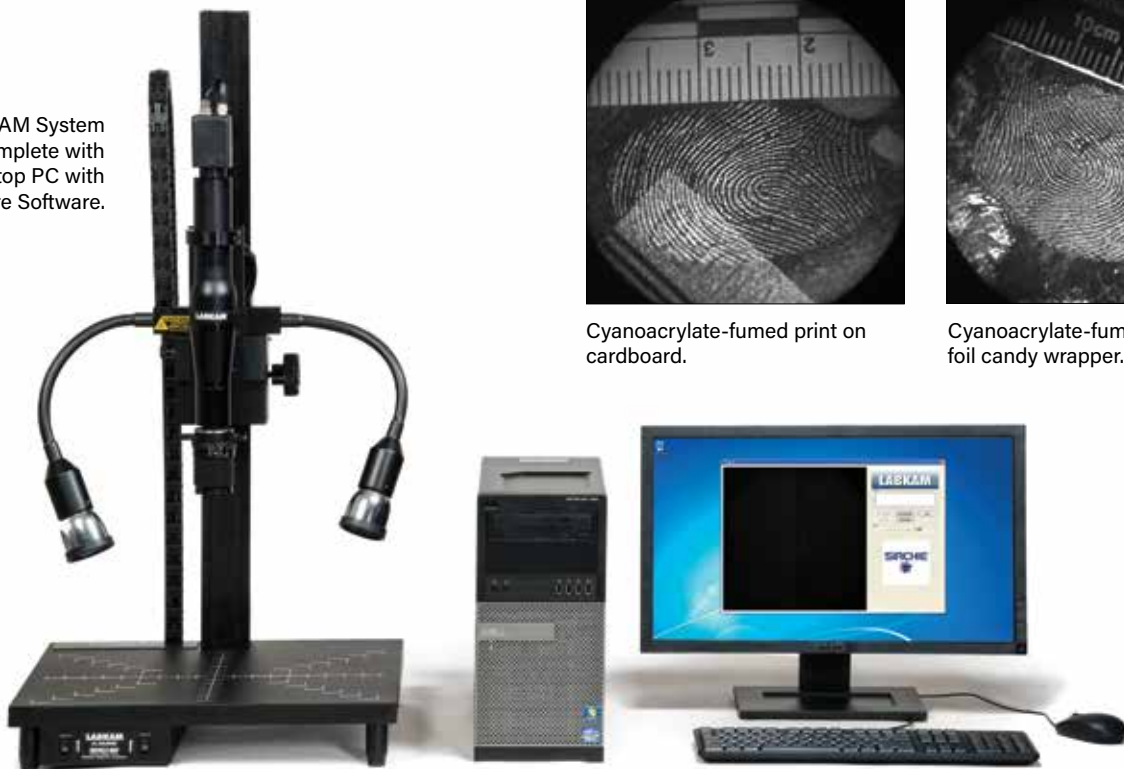


Cyanoacrylate-fumed print on cardboard.



Cyanoacrylate-fumed print on foil candy wrapper.

The LABKAM System comes complete with a desktop PC with Capture Software.



**Pricing information:**

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## Forensic Shortwave UV Light Sources

### RUVIS Companion Laboratory Illuminator

Portable and easily used with a 180 degree swinging head to accommodate many situations, this is an easy-to use shortwave light (254nm) for investigators.



Often bought with:  
SKSUV13B, 13-watt  
Replacement Bulb



No. SKSUV13

RUVIS Companion Laboratory Illuminator

### Shortwave UV Mini Light Source

Specifically designed to use with the Krimesite Imager, investigators can use this light source as a fully portable, battery-operated light source for field and lab use. This is perfect for tight spaces or for close-up examination.



Often bought with:  
6247, 4-watt  
Replacement Bulb

No. CUV100TS

Shortwave UV Mini Light Source

## UV Protection Products

RUVIS technology uses Shortwave UV light sources and emits harmful radiation. Use of these devices requires proper eye and skin protection. It's important for investigators to use one of the products below or something similar.

### UV Protective Spectacles

Top and side shield design provides full protection and a polycarbonate construction is impact-resistant.



No. 797GV

UV Protective Spectacles

### UV Protective Goggles

Has a lightweight design with a flexible rubber trim that will fit comfortably over the face, even with prescription glasses.



No. 798GV

UV Protective Goggles

### UV Protective Face Shield

Protect the entire face while eliminating "blue haze" interference from long wavelengths.



No. 799UV

UV Protective Face Shield

### UV Protective Face Shield with Shroud

Offers complete head and neck UV protection and designed specifically for high-intensity shortwave UV sources.



No. 798GV

UV Protective Face Shield w/Shroud

## Krimesite Accessories

Complete your Krimesite suite with these accessories.

### Sirchpod Copy Stand

CSI and Lab professionals need to have a steady tripod support for close-up photography to get good photos. The SirchPod has three telescoping legs for ultimate stability. It's easily portable and has fast setup.



No. KSS9200

SirchPod Copy Stand



**Often Bought Together:**  
Indicates items often purchased in conjunction with other items.

### Sirchpod Adjustable Light Support System

Designed for close-up evidence examination with the Krimesite Imager, this system has an Adjustable Light Support System that can be easily attached without any additional tools. An ideal tripod that also offer the tools necessary for oblique lighting.



**No. KSS9200UL** SirchPod System w/Mini UV Lights

**No. KSS9200U** SirchPod System (only)

### Professional Duty Tripod

Free your hands to continue your crime scene search with our Imager. This tripod is an excellent companion to our Krimesite Kits, and mounts with our UVP600ST and UVP120ST (ALS section).



**Often bought with:**  
(KSSPG) Tripod Pistol Grip Pan Head



**No. BM6009** Professional Tripod

### Tripod Pistol-Grip Pan Head

Easily make light positions adjustments with this pan head. It features a ball and socket joint that locks or unlocks.



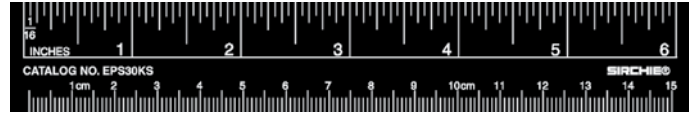
**Often bought with:**  
(BM6009) Professional Tripod



**No. KSSPG** Tripod Pistol-Grip Pan Head

### Photo Evidence Scales

These scales are printed black with white markings for placement near RUVIS latent fingerprint images for scaled photography. Scales have English and metric measure.



**No. EPS30KS** Photo Evidence Scales, 10 each

### Arrow Designators

Use arrow designators in conjunction with the KRIMESITE™ IMAGER mounted laser pointer for temporarily indicating latent fingerprint locations or selected target areas.



**No. KSS684** Arrow Designators, 100 each