



# Magnifiers & Comparators

The smallest details and minutiae in evidence can lead to a match, an identification, and the establishment of justice. Our magnifiers and comparators are used globally to examine evidence, and trusted by examiners and technicians to help them execute their mission.

We have the right tools for you backed with a full line of Latent Fingerprint and Footwear Examination Classes to help you build your skills.

From our comprehensive line of hand-held magnifiers to advanced digital and video-based comparators, we have the right solution for your classification and comparison needs.

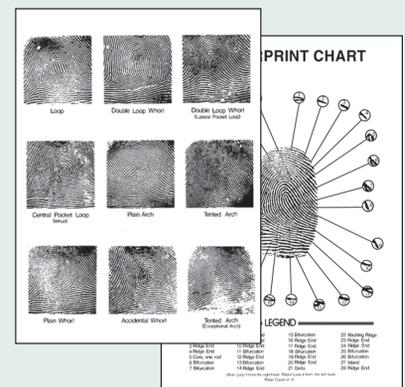


## Introduction to the Science of Fingerprints Course



The first in a series of 6 fingerprint classes, this course introduces the science of fingerprint identification that's based on the uniqueness and permanence of friction ridge structures. The ability of the technician to accurately classify and identify fingerprint patterns is essential.

The student will learn fundamental techniques of fingerprint pattern interpretation and how this information is used to accurately classify, compare, and identify fingerprints.



For more information about this and all other training courses, visit [www.sirchie.com](http://www.sirchie.com) or call us at (800) 356-7311.

## Magnifiers

### Ridge Pro Plus Digital Magnifier

This powerful, hand-held digital magnifier offers a 5-inch wide-screen LCD screen with up to 14x magnification for easy examination. Features include the ability to capture and send an image via USB port, store up to 80 images, built-in stand & lights, built-in handle for field use, and more.



**No. FXM50A** Ridge Pro Plus Digital Magnifier

### Professional Fingerprint Magnifier

Our most popular magnifier, the JC100P is sturdy, rugged and built for years of use. An optional locking ring will ensure your setting is maintained. Precision focus with four available classification discs: The Henry Disc, the Battley Disc, the Henry/Battley Disc, and the Miracode Palm Disc.



**No. JC100P** Professional Fingerprint Magnifier  
**No. JC101LR** Locking Ring  
**No. JC101H** Henry Disc  
**No. JC101B** Battley Disc  
**No. JC101HB** Henry/Battley Disc  
**No. JC101M** Miracode Disc

### M1 and M2 Fingerprint Magnifiers

Our M1 and M2 magnifiers have superb image clarity and sharpness and feature fine focusing and a lock ring. Both magnifiers provide 4.5x magnification while the M2 features a height adjustment knob. Also available are compatible classification discs: The Henry Disc, the Battley Disc, the Henry/Battley Disc, and the Miracode Palm Disc.



**No. PFP100** M1 Fingerprint Magnifier  
**No. PFP200** M2 Fingerprint Magnifier  
**No. PFH10** Henry Disc  
**No. PFB11** Battley Disc  
**No. PFHB12** Henry/Battley Disc  
**No. PFM13** Miracode Disc

### Rack & Pinion Focus Fingerprint Magnifier

Featuring a two-element 4.5X magnification system with a smooth rack-and-pinion focusing mechanism, this system will ensure you have sharp clear images. Also available are compatible classification discs: The Henry Disc, the Battley Disc, the Henry/Battley Disc, and the Miracode Palm Disc.



**No. JC200** Rack & Pinion Focus Magnifier  
**No. JC201H** Henry Disc  
**No. JC201B** Battley Disc  
**No. JC201HB** Henry/Battley Disc  
**No. JC201M** Miracode Disc

### Ridge PRO Fingerprint Magnifier

Our premium product in our magnifier line, the Ridge PRO is lightweight for its size but rugged and built for hard use. Its textured rubber barrel makes it easy for you to maneuver and with a rubber guard, it's comfortable for the eye and face. The magnifier has a 3X magnification and a 2" wide lens that makes it virtually distortion-free.



No. RPM350

Ridge PRO Fingerprint Magnifier

### Wide-Field Fingerprint Magnifier

Study a much larger field of view with this magnifier. Images will appear sharp and clear over the entire viewing area and a thumbscrew allows fast and simple focus. It features 3.2X magnification. Available classification discs include: The Henry Disc, the Battley Disc, the Henry/Battley Disc, and the Miracode Palm Disc.



No. JC300

Wide-Field Fingerprint Magnifier

No. JC301H

Henry Disc

No. JC301B

Battley Disc

No. JC301HB

Henry/Battley Disc

No. JC301M

Miracode Disc

### Super Wide-Field Fingerprint Magnifier

Ideal for fingerprint comparison, this 3.5X magnifier features an exceptionally wide field-of-view. Using the convenient thumbscrew locking adjustment, you can focus in on details quickly. Also available are compatible classification discs: The Henry Disc, the Battley Disc, the Henry/Battley Disc, and the Miracode Palm Disc.



No. JC400

Super Wide-Field Fingerprint Magnifier

No. JC401H

Henry Disc

No. JC401B

Battley Disc

No. JC401HB

Henry/Battley Disc

No. JC401M

Miracode Disc

### Aspheric Stand Magnifiers

Not all evidence is on a flat surface so our No. JC5214 4X magnifier features a swivel head for those hard-to-reach areas. Also available in non-swivel head versions in 6X and 8X magnification. All feature a wide undistorted viewing field for less eyestrain, and are lightweight and ready for years of use – also perfect for classrooms!



JC5214 Features a swivel head



Non-swivel head versions available in 6X and 8X

No. JC5214

4X Aspheric Stand Magnifier

No. JC4206

6X Aspheric Stand Magnifier

No. JC4208

8X Aspheric Stand Magnifier

### Magnifiers/Fingerprint Readers

Ideal for examining latent print and other physical evidence, these polished glass lenses feature maximum detail. Sizes include: 2 1/2", 3", 3 1/2", 4", 4 1/2". Also available in plastic frames with easy-to-grip handles and sizes: 3", 3 1/2", 4"



No. 316M

2 1/2" Magnifier, 3X

No. 317M

3" Magnifier, 2X

No. 319M

4" Magnifier, 2X

No. 320M

4 1/2" Magnifier, 1.75X

No. 317P

3" Plastic Handle Magnifier w/10" focus, 2X

No. 318P

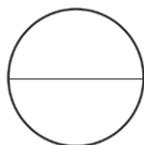
3 1/2" Plastic Handle Magnifier w/10" focus, 2X

No. 319P

4" Plastic Handle Magnifier w/10" focus, 2X

## Dactyloscopic 5X Fingerprint Magnifiers

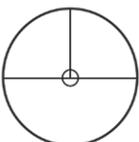
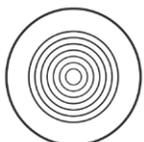
These compact magnifiers include a diopter adjustment on the control knob, and come with a Henry Classification disc. Options include: Battley, Henry-Battley and the Miracode Palm classification discs. Model available with LED Light.



Henry Disc included



No. FM1008 includes a LED Light



Optional discs

**No. FM1007** **5X Magnifier (Henry Disc included)**

**No. FM1008** **5X Magnifier w/LED light (Henry Disc included)**

**No. FM10078BD** **Battley Disc**

**No. FM10078HB** **Henry/Battley Disc**

**No. FM10078MP** **Miracode Disc**

## Dual Magnification Fixed Focus Magnifier

This magnifier gives you two options of magnification: 3.5 and 7. It's intended to verify fingerprints and documents with security features.

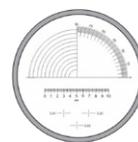


**No. FM1005** **Dual Magnification Fixed Focus Magnifier**

## Fixed Focus 10X Magnifiers

Perfect for small security features or details with up to 10x magnification. You have the flexibility to choose from multiple options:

- A measuring disc for precise examination
- A white light source
- A diopter adjustment and two white light sources
- A white light source and measuring disc
- Two white light sources, a diopter adjustment, and a measuring disc



**No. FM1001** **10X Fixed Focus Magnifier**

**No. FM1002** **10X Fixed Focus Magnifier w/precision disc**

**No. FM1003** **10X Fixed Focus Magnifier w/white light source**

**No. FM1003M** **10X Fixed Focus Magnifier w/diopter adjustment**

**No. FM1004** **10X Fixed Focus Magnifier w/light and disc**

**No. FM1004M** **10X Fixed Focus Mag w/diopter adj, 2 lights & disc**

## Ridge Counters

### Reversible Ridge Counter

A long-time favorite is back by popular demand! This indestructible ridge counter features a reversible point that stows neatly inside the body when not in use.



**No. RC221** **Reversible Ridge Counter**

### Retractable Ridge Counter

This counter features a push-button retractable point, which can be replaced.



**No. GL004** **Retractable Ridge Counter**

**No. GL0051** **Replacement Point**

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



## Fixed Focus Compact Device Magnifiers by Regula

These compact magnifiers are ideal for documents with security features, such as passports, ID cards, drivers licenses, and signatures. These devices can detect main security features in printing, compare sizes, and detect mechanical and chemical alterations in document structure. Has up to 10x magnification (20x magnification in some models) and has several different options so you have the flexibility to get what you need:

- White and 365nm UV lights
- White light, 365nm UV lights and a measuring disc
- White lights, 365nm UV lights and retroreflective light
- White lights, 365nm UV lights, retroreflective light, and a measuring disc
- White light, 365nm UV light, and IR Anti-Stokes visualizer
- White light, 365nm UV light, IR Anti-Stokes visualizer, and a measuring disc
- White light, 365nm UV, 313nm UV, 254nm UV light, retroreflective lights, and a IR Anti-Stokes Visualizer
- White light, 365nm UV, 313nm UV, 254nm UV light, retroreflective lights, IR Anti-Stokes Visualizer, and a measuring disc
- White light, 365nm UV lights and a polarizing filter
- Two white lights, 254nm, 313nm, 365nm, 400nm, retroreflective, IR Anti-stokes, and holographic and OVD visualization, and measuring disc.
- Two white lights, 254nm, 313nm, 365nm, 400nm, retroreflective, IR Anti-Stokes, holographic & OVD visualization
- Up to 20x magnification with white and 365nm UV lights
- Up to 20x magnification with white and 365nm UV lights, and a measuring disc



No. DC1010



No. DC1013



No. DC1021



No. DC1025



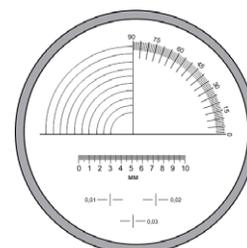
No. DC1011



No. DC1019



No. DC1022



Measuring Disc

**No. DC1010**      **10X Compact Device (white, uv lights)**

**No. DC1010C**      **10X Compact Device (lights and disc)**

**No. DC1011**      **10X Compact Device (white, UV light, retroreflective)**

**No. DC1011C**      **10X Compact Device (w/disc, white, UV light, retroreflective)**

**No. DC1013**      **10X Compact Device (with ir anti-stokes)**

**No. DC1013C**      **10X Compact Device (with disc)**

**No. DC1019**      **10X Compact Device (UV lights, retro lights, IR)**

**No. DC1019C**      **10X Compact Device (with disc, UV lights, retro lights, IR)**

**No. DC1021**      **10X Compact Device (with polarizing filter)**

**No. DC1022**      **10X/20X Compact Device (white, UV lights)**

**No. DC1022C**      **10X/20X Compact Device w/disc (white, UV lights)**

**No. DC1025**      **10X Compact Device (2 white lights, ovd visualization)**

**No. DC1025C**      **10X Compact Device (lights, visualization, disc)**



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

## Miscellaneous Magnifiers

### Magni-Focuser

Have your hands free with these binocular lenses on an adjustable padded headband. You can wear it over your eyeglasses and the lens will flip up when you're not using them.



**No. JC110**

**Magni-Focuser**

### Stand Magnifier

This sturdy 4X magnifier is a good all-round choice for laboratories or classrooms. It also has a wide-field viewing.



**No. JC5428**

**Stand Magnifier**

### Acrylic Magnifiers

View evidence with as much light as you can in your environment. These magnifiers gather surrounding light and concentrate it on the area below the magnifier base. With 4X magnification and a wide-field viewing, several people may view evidence at the same time.



**No. JC349M**

**2 1/2" Acrylic Magnifier**

**No. JC350M**

**3 1/2" Acrylic Magnifier**

**No. JC351M**

**4 1/2" Acrylic Magnifier**

### Professional Folding Magnifier with Case

Have your magnifier always with you with this compact 5X magnifier which folds up. It stores in its vinyl case.



**No. 313M**

**Professional Folding Magnifier w/case**

### Attached Case Magnifier

The perfect size for kits or to carry in your pocket with this inexpensive 1 3/4" diameter lens.



**No. 379M**

**Attached Case Magnifier**

### Retractable Magnifier

You'll get a full 2X magnification over a larger viewing area (2 3/4" x 1 1/2"). It retracts easily to fit in your pocket.



**No. 325M**

**Retractable Magnifier**

### Flashlight Fingerprint Magnifier

This illuminated magnifier offers 5x magnification. Requires 2 D cell batteries, not included.



**No. 314M**

**Flashlight Fingerprint Magnifier**

### Illuminated Fingerprint Magnifying Glass

Slip this magnifier in your jacket or pocket so you'll have it on you anywhere. It has a built-in illuminator and a powerful 4X lens in a tough, plastic case.



**No. JC7538**

**Illuminated Fingerprint Magnifying Glass**

### Illuminated Swing Arm Magnifier

The 360-degree illuminated swing arm magnifier attaches to almost any desk or tabletop to easily examine evidence. It features two light options: white light and UV with three diopters of magnification.



**No. 465MA** Illuminated Swing Arm Magnifier, 110V

**No. 465MA220** Illuminated Swing Arm Magnifier, 220V

## Comparators

### Illuminated Comparator

This magnifier offers wide-field view magnification and a goose neck assembly with a lamp head to help reduce your eye strain. The enlarged viewing base and 9" viewing height gives you flexibility to work with larger evidence.



**No. 365M** Illuminated Magnifier, 110V AC

**No. 365M220** Illuminated Magnifier, 220V AC

### Forensic Optical Comparator

Under normal circumstances, examining evidence is a tedious eye-straining chore with hours spent peering through a microscope or magnifier. Not anymore. The Comparator takes the "chore" out of close and careful evidence examination and comparison. Its features are:

- It puts the evidence upfront in a clear, crisp, magnified image
- Two prints have a side-by-side image display (no overlapping!)
- Control knobs let you switch between 6.5x and 10x magnification
- Available in 110V and 220V



**No. FX8B** Forensic Optical Comparator, 110V AC

**No. FX8B220** Forensic Optical Comparator, 220V AC

## Digital Forensic Evidence Examination Station

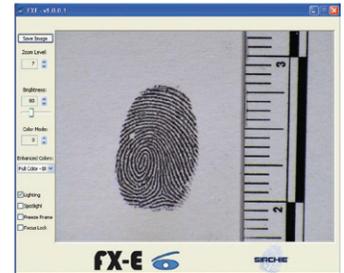
The Digital Forensic Evidence Examination Station makes evidence examination more efficient and it's easy to use for forensic physical examination, which takes many forms, shapes, and sizes. New 1080HD Display!



Fully adjustable magnification (up to 50X) allows you to examine minute details of forensic evidence



Moveable work table is fully adjustable



User-friendly capture software included

### You need this station if you examine:

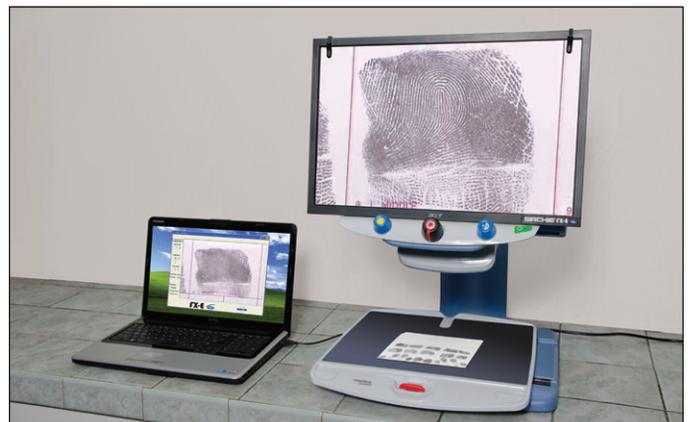
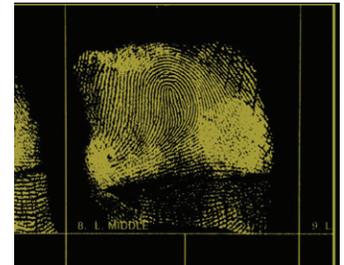
- Tools and toolmarks
- Fingerprint/palm print record cards and latent prints
- Footprint evidence
- Trace evidence: hair, fibers, glass fragments, soil, etc.
- Documents: printed and handwritten
- And much more

### With this station, forensic examiners will have:

- The ability to view small details with a moveable viewing table and fully adjustable magnification – up to 50X.
- A wide range of color correction, brightness, and contrast on an oversized 22-inch LCD, high-definition viewing screen.
- Plenty of room on the mounting table to exam 3D objects. Magnets can also secure evidence to the evidence platform.
- Connect and control from any computer with the FXE350 software, which is included. You can use your own computer to turn the station's lights on and off, adjust screen colors, pause the camera, and adjust the brightness of the images.



Use onboard controls to adjust brightness, contrast & reverse or colorize picture

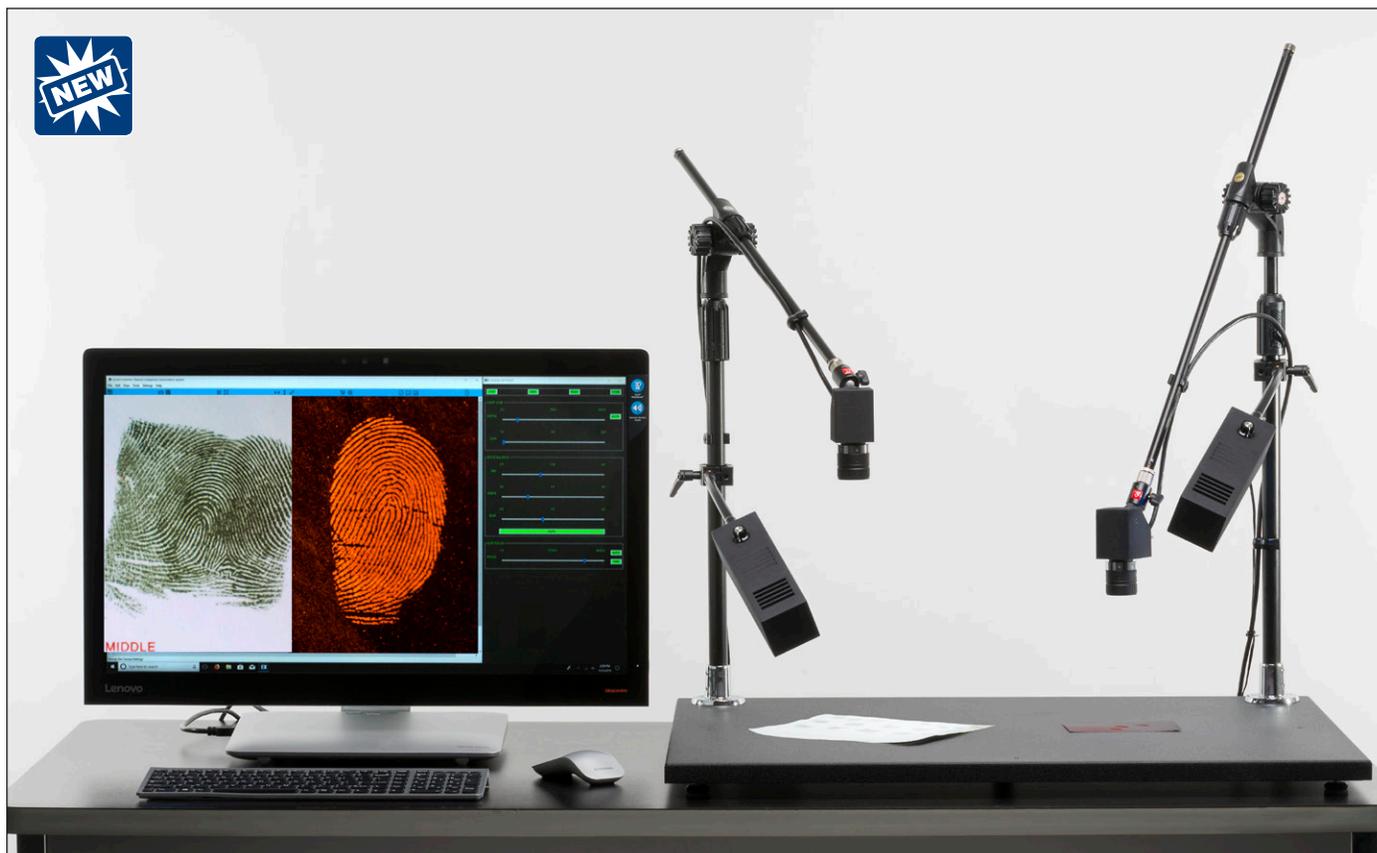


FXE350A Digital Forensic Evidence Examination Station includes Digital Screen Capture. Laptop computer not included.

**No. FXE350A** [Digital Forensic Examination Station w/capture software](#)

## FOCOS+ Dual Camera Forensic Comparator

With the FOCOS+, examiners can easily compare two pieces of evidence with this efficient tool. Two 15 MP cameras are mounted side-by-side on swing arms so examiners can adjust cameras in an unparalleled range of motion to view all physical evidence. The FOCOS+ system includes two LED ALS lights that can be switched between white, blue (460nm), green (520nm), and UV (370nm).



Precisely adjust both camera positions using the top bubble level and the 180-degree ball mount.



LED lights can be switched between white, 460nm blue, 520nm green, and 370nm UV.



System includes two each yellow, orange, and red camera barrier filters for use with alternate light sources.

### Key features include:

- Two 15 MP mounted cameras with auto-focus lens
- Included camera barrier filters for improving contrast and viewing fluorescence ( 2 each of yellow, orange, red)
- Integrated diffuser for soft even light over surface
- Cameras have a 180 degree ball mount for flexibility in examining evidence and getting multiple angles (oblique, overhead, and side lighting)
- Easily rotate between various wavelengths with a side switch.
- An integrated PC with a 27" monitor and software to view and capture software to view, rotate, reverse, calibrate, save, import and export images.

**No. FOCOSP1000**

**FOCOS+ Dual Camera Forensic Comparator**

**For more information:**  
Please visit [www.sirchie.com](http://www.sirchie.com)  
or call us at (800) 356-7311.





If it has wheels, **we can build it.**

**We can create any vehicle for your needs:** evidence collection, mobile command, surveillance, SWAT, and more — including updating and re-purposing existing vehicles.

*We're a single-source provider of specialty vehicles and can get you in a vehicle for your needs and budget.*



Customize your ride.