

**projectina**<sup>®</sup>

PART OF ULTRA ELECTRONICS FORENSIC TECHNOLOGY



**SEE MORE. SOLVE MORE.**

CLASS-LEADING CRIME SCENE INVESTIGATION  
TOOLS FOR FORENSIC PROFESSIONALS



# PROJECTINA AND ULTRA ELECTRONICS FORENSIC TECHNOLOGY

Ultra Electronics Forensic Technology (UEFT) pioneered automated ballistic identification and analysis over 20 years ago and continues to be a leader in forensic ballistic and firearm identification technologies. Our Integrated Ballistics Identification System (IBIS®) revolutionized ballistic identification by helping investigators find matches between pairs of spent bullets and cartridge cases.

In 2011, UEFT acquired Projectina AG, a world leader in the development and manufacture of forensic science products and high-end optical components. Projectina's offerings strongly complement UEFT's core competencies in ballistic identification by leveraging its optics, microscopes and document examination and forensic crime scene products.



UEFT and Projectina currently partner with hundreds of law enforcement agencies in nearly 70 countries, providing cost-effective and sustainable solutions. UEFT is customer-driven, with a worldwide, 24/7 customer support network and dedicated training facilities. Together, UEFT and Projectina offer a vast range of products, tools and services tailored to meet your forensic needs.

## PROJECTINA QUALITY AND COMMITMENT TO CRIME SCENE INVESTIGATION TOOLS

Our crime scene investigation tools have been designed for a variety of needs, users, and applications. From the actual crime scene to the laboratory, the ability to detect, inspect, and view evidence makes all the difference. Used in forensic labs around the world, Projectina crime scene lights and equipment have consistently delivered superior performance and dependability.

## GLOBAL CUSTOMER SERVICES

UEFT and Projectina strive to achieve excellence in delivering customer service. Our mission is to provide customers with first-class services that exceed industry standards for quality, security, and customer satisfaction. Projectina along with UEFT's global support network is only a phone call away.

In our effort to continually improve our service offerings, the support staff at UEFT are both ISO 9001 and ITIL certified. We strive to provide customers with high-quality services that can be measured against the highest international standards.

CANADA | IRELAND | SWITZERLAND | SOUTH AFRICA | THAILAND | USA





## CRIME SCENE INVESTIGATION EQUIPMENT

CLASS-LEADING TOOLS FOR CRIME SCENE INVESTIGATION

Footprints, blood drops, hidden messages—investigators need fresh eyes when gathering crime-scene evidence. Combining technological innovation with precision Swiss engineering, Projectina is a leading manufacturer of forensic equipment to enhance such sight.

# SL-450 HIGH-INTENSITY CRIME SCENE LAMP

## PHYSICAL AND TRACE EVIDENCE INVESTIGATION

The SL-450 is a portable and rugged light source for detecting physical and trace evidence at crime scenes. Powered by a lithium-ion battery, the lightweight SL-450 enables unhindered movement around any location, while its seven built-in lighting settings help optimize evidence recovery and limit the amount of equipment required.



### SL-450 FEATURES

|                     |   |
|---------------------|---|
| <b>LONG-LASTING</b> | 90-minute continuous operation on battery power   |
| <b>POWERFUL</b>     | 35W Xenon lamp  |
| <b>VERSATILE</b>    | White light, UV 365, 415, 450, 470, 505, and 530  |
| <b>ACCESSORIES</b>  | Tripod, telescopic arm, shape converter and beam expander, color filters, power adapter (100–240VAC), and Peli-Case |



**SL-450 SHOWN WITH  
LABORATORY STAND**



**SL-450 SHOWN WITH ORANGE VIEWING FILTER**

# CSL-SHOE

DESIGNED FOR SHOE PRINT SEARCH AND DOCUMENT EXAMINATION

The CSL-SHOE is a specialized, low-profile crime scene lamp designed to help investigators identify incriminating marks such as footprints and tire tracks. The powerful 12-inch LED array casts a wide perpendicular beam that reveals difficult-to-see patterns and imprints on a variety of surfaces.

## CSL-SHOE FEATURES

|                     |   |
|---------------------|---|
| <b>POWERFUL</b>     | LED array with 16 high power LEDs (55W)<br>Color: White   |
| <b>FLEXIBLE</b>     | Wide (350 mm/12.2 inches) , low-profile beam, beam shape, linear  |
| <b>LONG-LASTING</b> | Lithium-ion, capacity 14.8 V, 4.3 Ah with low-battery indicator   |
| <b>DURABLE</b>      | Rugged and lightweight.   |
| <b>VERSATILE</b>    | Telescopic arm, power adaptor (100–240VAC), red, green, blue, and yellow color filters for contrast-enhancement |





# PAGLAB MSA-810

IDEAL FOR TRACE EVIDENCE INVESTIGATION, VERIFICATION AND DOCUMENT EXAMINATION

Developed for modern crime labs, the PAGLAB MSA-810 is a complete lighting solution for in-depth forensic investigation. The easy-to-use, compact station offers investigators an extraordinary level of illumination. A motorized filter changer enhances workflow in time-critical applications.

The PAGLAB MSA-810 can help identify such evidence as:

- Fingerprints
- Blood
- Bodily fluids
- Hairs and fibers
- Paint chips
- Gunpowder
- Chemical residues



## PAGLAB MSA-810 FEATURES

|                             |   |
|-----------------------------|---|
| <b>POWERFUL</b>             | 120 W multispectral light source<br>each: 320-720nm;<br>10 illumination filter bands                                |
| <b>OPERATION</b>            | Detachable remote control with illuminated LCD display, motorized filter changer through remote, liquid light guide |
| <b>MULTIPLE BEAM SHAPES</b> | 15° quartz condenser<br>30° quartz condenser<br>Oblique lighting shape converter                                    |
| <b>POWER SOURCE</b>         | AC powered, 90-240V   |



# DMM 2000

## THE IDEAL DIGITAL INSTRUMENT FOR FORENSIC SCIENCE EXAMINATIONS

The Digital Measuring Microscope DMM 2000 with micro and macro optics is enhanced with several digital camera capabilities providing outstanding image quality. It also boasts a modular and compact design and user-friendly controls. This versatile instrument is not only suitable for laboratory work, but also for teaching in various application areas, such as textiles, trace evidence, metallurgy, electronics, cables, precision engineering, food, paper, packaging, and plastics.

The DMM 2000 has been developed to meet the specific testing requirements of the textile industry as well as other industrial branches for material testing, quality control, and documentation. The DMM 2000 can also be used to make both micro and macro enlargements while the unique combination of the high-resolution camera and the binoculars virtually eliminates operator fatigue.



# PAG 800

## HIGH-RESOLUTION STEREO-ZOOM MICROSCOPE

When examining microscopic evidence, forensic investigators demand the sharpest possible image. With a 6.3:1 zoom ratio and a 115mm working distance, the PAG 800 microscope delivers crisp and high-contrast stereo images that meet the highest standards. For additional flexibility, multiple LED and cold light sources are available as are specialty reticules. In addition, the Trinocular model supports digital documentation.



### DMM 2000 FEATURES

|                             |  |
|-----------------------------|--|
| <b>MACRO / MICRO OPTICS</b> | With low and high magnification range from 5x–2400x  |
| <b>FLEXIBLE</b>             | Multiple lighting options  |
| <b>ERGONOMIC</b>            | Height adjustment up to 68mm   |
| <b>ACCESSORIES</b>          | Yarn comparator for textiles, document preparation kit (cross-sections), and object micrometer |

### PAG 800 FEATURES

|                    |   |
|--------------------|---|
| <b>FLEXIBLE</b>    | Multiple lighting options   |
| <b>SEALED</b>      | Airtight construction prevents contamination from dust, oil, water, and mold in hot, humid environments   |
| <b>VERSATILE</b>   | Working distance: 115mm   |
| <b>ACCESSORIES</b> | Microscope stand; multiple LED and cold light sources, including ring lights, goose necks, and flexible light guides; optional crosshair and micrometer reticules |

### ADVANTAGES

- Antistatic feature
- Anti-mold treatment allows use in hot, humid environments
- Airtight body and eyepieces prevent contamination by dust, oil, and water
- Meets ESD requirements
- New design is the standard for stereoscopic zoom microscopes

| AUXILIARY OBJECTIVE | WORKING DISTANCE (MM) | EYEPIECE      |            |               |            |               |            |
|---------------------|-----------------------|---------------|------------|---------------|------------|---------------|------------|
|                     |                       | WF10/22       |            | WF15/16       |            | WF20/12.5     |            |
|                     |                       | Magnification | Field (mm) | Magnification | Field (mm) | Magnification | Field (mm) |
|                     | 115                   | 8x–50x        | 27.5–4.4   | 12x–75x       | 20–3.2     | 16x–100x      | 15.6–2.5   |
| 0.5x                | 211                   | 4x–25x        | 55–8.8     | 6x–37.5       | 40–6.4     | 8x–50x        | 31.2–5.0   |
| 2x                  | 43.5                  | 16x–100x      | 13.8–2.2   | 24x–150x      | 10–1.6     | 32x–200x      | 7.8–1.3    |

# DOCUSTAT DS-220

FOR THE VISUALIZATION OF INDENTED WRITING ON DOCUMENTS

The Docustat DS-220 allows investigators to visualize indented writing on documents using the electrostatic imaging process. Many times more sensitive than the oblique lighting technique, the Docustat DS-220's larger unit size (450 x 440 mm), allows it to be used for both small and large sheets. The supplied plastic film, type IW, is used for securing the indented writing (grooves) from different kinds of paper.

## DOCUSTAT DS-220 FEATURES

|                             |  |
|-----------------------------|--|
| <b>RESPONSIVE</b>           | Reveals indented writing   |
| <b>EASY CLEANUP</b>         | Easy to empty toner with a tilting and collection device             |
| <b>DOCUMENT PREPARATION</b> | Equipped with a document humidifier to increase document sensitivity |
| <b>CORONA CONTROLS</b>      | Use of corona exposure can be timed and have regulated voltage       |



# FOTO LIGHT BOX

THE FOTO LIGHT BOX FEATURES EASE-OF-USE AND UNIVERSAL APPLICATION POSSIBILITIES

The Foto Light Box is a forensic laboratory system for photographing evidence. The system's optimal lighting setup allows for the capture and reproduction of shadow-free oblique and transmitted-light images. Supporting both gelatine and transparent foils, the versatile Foto Light Box can accommodate many applications.



## FOTO LIGHT BOX FEATURES

|                              |   |
|------------------------------|---|
| <b>LARGE WORK AREA</b>       | Illuminated transmitted light surface 300 x 455 mm (11.8 x 17.9 inches), with frosted glass insert  |
| <b>FLEXIBLE LIGHTING</b>     | Two light guide connections with integrated illumination 15 V, 150 W  |
| <b>ACCURACY</b>              | 1.0 m guide column with height adjustment and sturdy camera mount   |
| <b>MULTIPLE APPLICATIONS</b> | Shape converter side light with adjustable front lens shoe holder with support plate and image scale for shoe exposures, reproduction illumination for daylight and UV 365 nm |



**FORENSIC  
TECHNOLOGY**



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