



SCANDICO
systems

POLITRAK FORENSIC LIGHT SOURCE GROUND BREAKING INNOVATION

ADVANCED AND PROFESSIONAL TOOLS FOR CRIME SCENE AND LABORATORY

PoliTRAK is the ultimate Forensic crime kit used by forensic and CSI personnel for general crime scene investigation to ensure the proper identification, handling, collection and packaging of physical evidence found at a scene; and to perform specialty examinations that would aid in reconstructing the events of the crime. Additional uses include locating evidence on a person, such as subcutaneous bruising and bite marks.

THE FLEXIBLE LIGHT SOURCE WITH HIGH INTENSITY BRIGHTNESS

Utilising the most up to date LED technology, the light sources are highly unique because of their high intensity brightness and its tremendous illuminating power makes it the preferred choice for investigators and technicians in the criminal identification of evidence.

Features include:

- Designed specially for crime scene situations and equipped with long lived Li-ion batteries
- Constructed from anodised aluminium
- 8 x forensic light sources with different wavelengths.
- It comes with a tripod, through which the light source can be fixed for taking photographs
- 8+2 rechargeable batteries. Battery charger & Car adapter
- Rugged transport case
- Forensic examination goggles in UV, Yellow, Orange and Red.

This portable forensic ALS (alternate light source) kit is battery-operated, rechargeable, light in weight, compared to most ALS on the market. No interconnected cables. Therefore unlimited movement around the crime scene is guaranteed. Supplied with tripod for hands-free operation and batteries a battery charger, vehicle adapter, rugged transport case, 4 goggles and FREE training.

The rugged PoliTRAK Forensic Light sources are built with cutting-edge technology and offers a wide range of options to suit your needs and take command of any situation. The Kit contains 8 single wavelengths (White, UV, Blue, Cyan, Green, Purple, Amber and Red), and the fit range of torches are available individually or in sets with goggles, camera filters, chargers and protective carry cases.



There are plenty of advantages of using PoliTRAK, for crime scene investigation, forensic biology, forensic nursing, latent prints, trace evidence, medicolegal death investigation or lab personnel to look for potential evidence found at crime scenes, such as latent fingerprints, biological stains, latent, bruises, bite marks, hair, fibers, grease, oil and other natural stains. Nothing is overlooked. Additionally, these handheld LED lights are used for viewing dye-stained samples and allow the Police & law enforcement officers to visualize forensic evidence up to 10 ft (3m) away. All lights can be used in all weather, and even submerged for cleaning and decontamination.



Applications:

- Crime Scene search
- Laboratory Fingerprint examination
- Medicolegal (including SANE, coroners and medical examiners)
- Hotel room inspection
- Specialized industrial applications

LEDs	High efficiency LEDs
Dimensions	15.5cm
Construction	Hard anodized Aluminium
Runtime	Up to 2,5 hours
Charge time	4 hours
Battery	Lithium-ion rechargeable battery
Weight	205g

Innovative Design

- Groundbreaking Innovation
- Instant start-up and operates silently
- Hard anodized aluminium housing
- Runs on rechargeable Li-ion batteries
- Strong UV intensity enabling inspection under daylight
- Provides rich, evenly diffused light across the work surface.
- Make the field inspections become quick and simple
- Available individually or as a kit
- CE and RoHS compliance
- IP - 65 compliant

Compact & Flexible Operation

- Dimensions (15.5 cm)
- Offer customized wavelength High-Power LED Sources
- Extremely lightweight – 205g
- Cordless for quick and easy searches
- Can reveal a range of biological and trace evidence
- Wavelength accurate to ± 5 nm
- Speed up searches – detect evidence 3m away
- Operates in extreme weather

Light sources & Goggles/Filters are paired for optimum performance

Light to Use	Wavelength	Bandwidth	Filters/Goggles	Evidence Type
White	8300k			General searching, Area search inspection and Footprints
UV	365 nm	360 - 385nm	Orange Red	General searching, laboratory, medicolegal Body fluids Fingerprints and hotel rooms inspection
Blue	450 nm	435 - 465nm	Orange Yellow	Medicolegal (including coroners, sane and medical examiners)
Cyan	505 nm	485 - 520nm	Orange Red	Latent prints, Superglue Fingerprints, DFO, Fingerprints Ninhydrine and Body fluids
Green	530 nm	510 - 545nm	Orange Red	Ninhydrine, and DFO (treated fingerprints) Body fluids
Amber	590 nm	585 - 595nm	Red Red	Ninhydrine (treated fingerprints)
Red	620 nm	615 - 635nm	Red Red	Ninhydrine (treated fingerprints) Hair
Purple	415nm	405 - 420nm	Orange Yellow	General searching , examination of injuries, Gunshot Residue.

Evidence Type	Excitation Light			
	UV (260-400 nm)	Violet (400-450 nm)	Blue (450-490 nm)	Green (490-560 nm)
Bitemarks/Bruises	●	●	●	●
Hair/Fibers	●	●	●	●
Body fluids	●		●	
Untreated blood (absorption only)		●		
Blood treated with fluorescein			●	
Bones/teeth			●	
Glass	●	●		
Gunshot residue			●	
Barrier Filters				
Clear (or no filter)	●			
Yellow		●		
Orange			●	
Red				

For detailed product and qualification information, contact or visit us at www.scandicosystems.com