

For more information contact:
Mike Thorsted 888-241-6874 x114 or Stacey Miller x115
e-mail: Mthorsted@syntronics.net or Smiller@syntronics.net

LatentMaster Forensic Light Kit



The LatentMaster Forensic Light Kit contains all the lights and filters you will need to process a crime scene for latent fingerprints, hairs, fibers and human fluid residue. The Kit can be used to illuminate from UV to Visible to Near IR with the included UV, Blue, Green, Red and IR special lights. This kit contains five complete, high power, narrow wavelength LED flashlights. There is no need to keep removing one LED head to install another; all five can be used at the same time. Four forensic filter glasses are included in this kit, each of the glasses work best at different wavelengths of light. Depending on the crime scene, several inspectors can use a combination of lights and filters. This can greatly expedite the inspection process and improve the evidence collection while maximizing expensive resources.

SOLID STATE TECHNOLOGY – Each of these rugged, high power lights uses the latest technology 3W solid state LEDs. They have lifetimes in excess of 50,000 hours and do not have a fragile filament that is easily broken. They can withstand the rigors of being dropped, stepped on and rained on without fear of being damaged. The housings are machined from aircraft grade aluminum, black anodized, with rubber and o-ring seals to be watertight.

CONSTANT BRIGHTNESS OUTPUT – A custom battery compensation circuit provides full power brightness for up to 3 hours. Every light has a 3.7V 2600mAh Li-ion rechargeable battery pack that is under and over voltage protected. Each light has a built in charging port; the battery pack does not need to be removed to be recharged. The included AC charger can work on any voltage worldwide (some plug adapters may be required) from 100-240 volts, at 50/60 hertz. The included DC charger can work in any automobile cigarette lighter, power port or 12V power supply. Either charger can completely recharge each light in just over two hours.

WHAT IS INCLUDED – All of the lights, filter glasses, AC and DC chargers are supplied in a rugged waterproof Pelican case. The LatentMaster Forensic Light Kit includes the following items:

- 365nm UV LED Light
- 455nm Blue LED Light
- 525nm Green LED Light
- 625nm Red LED Light
- 850nm IR LED Light
- Clear UV Filter Glasses
- Yellow Filter Glasses
- Amber Filter Glasses
- Red Filter Glasses
- AC Charger, 100-240VAC (two included)
- DC Charger, 12V Cigarette Lighter Adapter
- Pelican Case Model 1450
- Instruction Manual

SPECIFICATIONS:

- Case size/ Weight: 16.25" L x 12.75" W x 7" D, 9 pounds (413mm x 325mm x 178mm), (4.09kg)
- Light size/ Weight: 4.4" L x 1" Diam., 4.6 ounces (112mm L x 25.4mm D), (131g)
- AC Input: 100-240VAC, 0.5A, 47-63Hz, 2 prong US plug
- DC output: 4.6V, 1.2A, center contact +, outer contact –
- DC input: 8-13.8VDC, 1.5A max.
- DC output: 4.6V, 1.2A, center contact +, outer contact –
- Batteries: 3.7V, 2600mAh, Li-ion, circuit protected

SAFETY CAUTION:

These lights are not toys. All of these lights are extremely bright and should be used with caution. You should never look directly into any of these lights and they should never be directed at other people. Although the UV light may look like a dim blue or white color to your eye and the IR light may look like a dim red or pink color to your eye, they are just as bright as the other colors. All of these lights may cause eye damage, when shined into your eyes for long periods. **USE CAUTION AND COMMON SENSE. TREAT WITH RESPECT.**

Syntronics, LLC
3500 Shannon Park Drive
Fredericksburg, VA 22408
Tel: (540) 374-1000
www.syntronics.net

For more info, call Mike Thorsted x114 or Stacey Miller x115