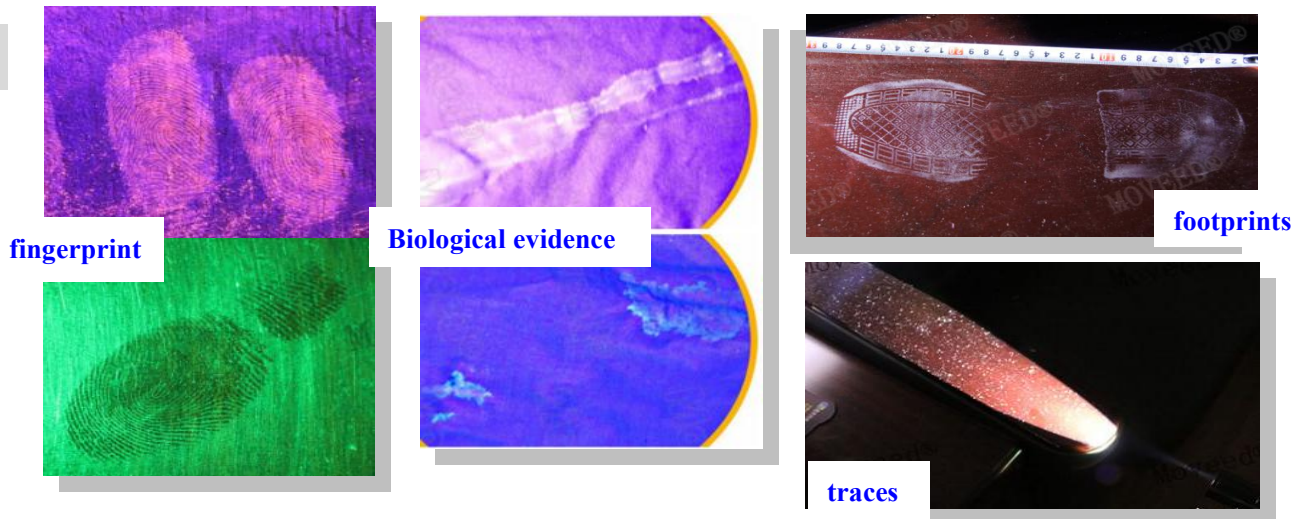


Handheld Forensic Blue-laser & ALS

--- OR-GSS500

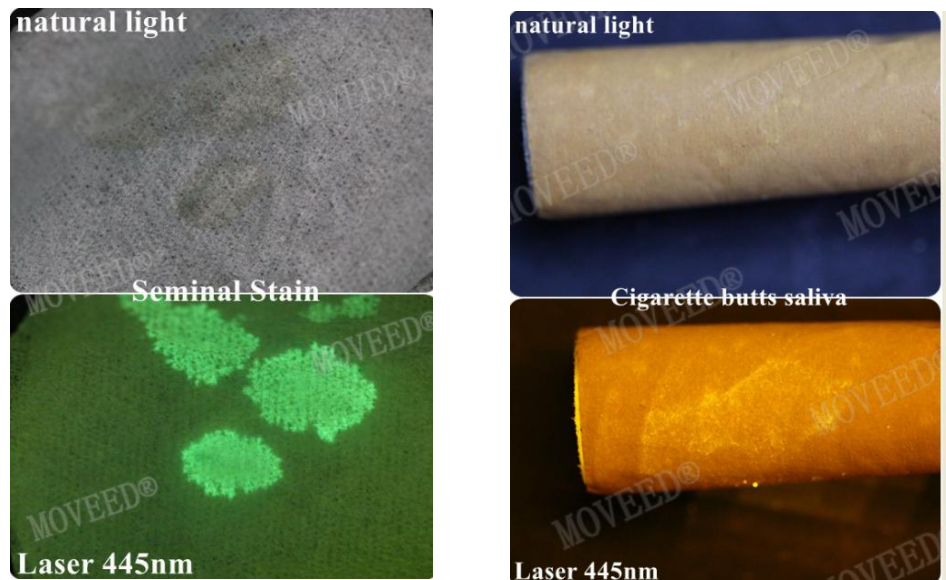
In crime scene investigation, fast and accurate detection of possible forensic traces is of vital important. **Forensic Alternate Light Sources(ALS)** have been used for detection of biological evidences, which can be detected due to their nature characteristic, such as light asorption (blood) or flurescence effect (semen, saliva, urine, vaginal fluids, sweat etc.). And ALS are invaluable for detecting substances at a crime scene such as bruising, hair, fibre, foot prints, fingerprints, stamps, Ninhydrine treated fingerprints, Super glue treated fingerprints, basic yellow 40, stamps, Cyanacrylate and general searching.

ALS effects →



Blue-laser system is designed for the most versatile use in the field or lab environment for detection of evidence. Laser light sources can be used to reveal this evidence by either fluorescence or enhanced contrast. Fluorescence occurs when a material absorb light of one color and then re-emits it virtually simultaneously as a different color. A material can be illuminated in the blue or green then viewed with filter goggles that only pass orange or red.

Blue Laser 445nm effects →



FEATURES:

It uses high intensity LEDs with high performance, uniform circular spot, and “speckle free” beam. Integrating blue laser 445nm and multi-band(up to 9wavelengths) in one hand held unit, supporting crime field practical use.

LEDs and LASER driving by using constant current control, light source brightness is constant and stable.

WAVELENGTHS(all-in-one):

- Laser: 445nm
- Red: 627nm
- Amber: 590nm
- Green: 530nm
- Cyan: 505nm
- Blue: 470nm
- UV: 415nm
- UV: 400nm
- UV: 365nm
- White light: 6000k-7000k



SPECIFICATION :

	power	Uniform circular spot size at 0.5m
Laser Light	3W	100*100 CM
Visible Light	3W	30 CM
UV Light	4W	27 CM
White Light	12W	20 CM

- Voltages: DC12.6V
- Battery capacity: 4800mAh
- Charging current: 1A
- Physical Characteristics(Light Unit):**
- DIA. of multi-band head: 90mm
- DIS. of white light head: 53mm
- Body DIA.: 45mm
- Total length: 300mm
- Net Weight: 0.46KG(including battery)
- Aviation aluminum-alloy shell and Cree high power LEDs
- Fire resistant, Waterproof, Impact resistant

