

TOUCH DNA Visualized Searching System

OR-GDNA5000

Product function:

- 1) Wide-range searching the evidence in crime field, like various implements, window edges, walls, and roughness solid objects like bricks, sticks, letter paper, clothing and washed physical evidences, can be correctly locating and extracting.
- 2) Reveal the Touch DNA by searching and zooming in on objects like wooden handles, metal handles, alluminum alloy doors/windows, clothings, brick surface and packaging bags.
- 3) Search for evidence on micro-scale splashing or dripping blood on dark cotton clothing, fiber fabrics and black tiles.
- 4) Locating, discriminating and extracting biological evidences like saliva, semen stains and urine traces.
- 5) Reveal perspiration stains on objects like floor, tabletop, painted wooden door surface which with complicated background, and objects on switch box, silicone box and other plastic containing fluorescer.

Technical parameters:

1. Light source: a. Search light $\leq 460\text{nm}$ b. Laser: $445\text{nm} (\pm 3\text{nm})$ c. IR: $850\text{nm} (\pm 5\text{nm})$
2. Oblique light I: $\leq 470\text{nm}$ Oblique light II: $\leq 470\text{nm}$
3. Windows 10 system
4. 7-inch HD display, resolution $1920*1200$
5. Maximum field of view: $\leq 13*8\text{mm}$
6. HDMI expandable display, USB3.0 can be connected to external U disk, card reader and other copy of evidence pictures.
7. Weight: $\leq 1.45\text{Kg}$ (included battery)



United Social Credit Code(Business Licence): 91330104736016531K

ISO 9001 Certified



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Software interface:

Functions: Image setting, brightness/exposure control, white balance, gallery, photo, video, preview enlarge, exit

Image Settings: Fluorescence/monochrome switching, connecting camera, inverting colors in monochrome, color settings, image processing



Product feature:

1. Equipped with highly accurate slide rails, smooth and stable movement, and the height of the evidence can be manually adjusted within the range of the object distance.
2. Equipped with three-axis electric evidence table to realize integrated professional DNA laboratory equipment.
3. Automatically switch the light source and filter, according to the effect of physical evidence detection can also manually select the filter.
4. Electric oblique light excitation light source, electric adjustment up and down height
5. Equipped with red dot positioning light source
6. Suspended search, reduce touch the object surface, avoid contaminating trace DNA, suspended structure can be disinfected.
7. Automatically switch the light source and color filter.



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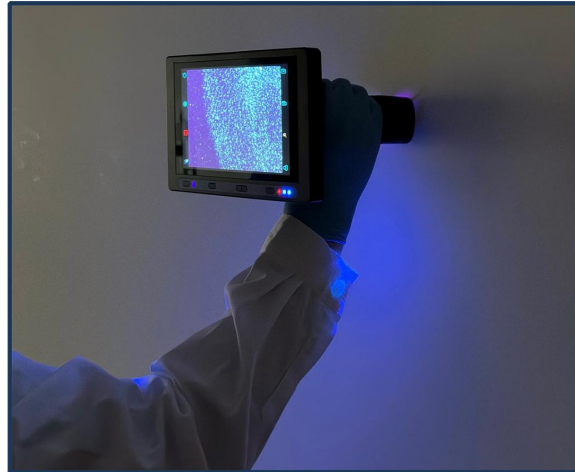


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Battery:

1. When the battery is low, the windows operating system will not be affected. The customer was given time to replace the battery and ensure that the equipment was restarted during the investigation.
2. The DC5V/3A adapter can be used to charge the battery separately. The main engine uses the adapter DC10V/5A in the battery when working on the three-axis electric evidence table, and continues to work during the investigation.
3. Replaceable rechargeable lithium battery to ensure long use of the investigation process.
4. Power indicator: When the green light turns into a red light, the power remains 10-20%, and charge in time. During the charging process, the red light turns to green, and the charging is complete.
5. The device is charged by Type-C interface, and the charge and discharge quantity is indicated.



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