



Product Leading Edge

ZA1200D portable drug trace detector uses an avalanche diode array as the excitation light source and vaporizes nano fluorescent small molecule drugs

A new drug rapid detection equipment with nanogram level detection sensitivity for monitoring the fluorescence extraction reaction of gas sensitive materials.

ZA1200D

Portable drug trace analyzer

Equipment characteristics:

1. The device supports 4G and 5G data upload, and can set IP addresses and port numbers;
2. The device has Bluetooth data transmission function and can seamlessly connect with law enforcement printing equipment;
3. The equipment has photography and video evidence collection functions, supporting real-time connection between the on-site situation and the command hall during detection;
4. The device is equipped with RFID and can support identification of ID cards and RF tags;
5. The device supports QR code and barcode recognition functions, and supports automatic consistency binding of express inspection information in the delivery and logistics industry;
6. The device has positioning function and supports remote perception of on-site situations such as power on/off, usage status, location information, detection results, etc;
7. The device supports real-time updates of remote databases, facilitating device upgrades and maintenance, and improving frontline law enforcement efficiency;

Basic parameters:

Principle: Nano fluorescent small molecule drug vapor sensitive material

Detectable samples: methamphetamine (methamphetamine), morphine (morphine hydrochloride), dolantin, Magu, LSD (LSD), cocaine, amphetamine, ketamine (ketamine hydrochloride), dozens of drugs.

Sampling methods: inhalation sampling, wiping sampling

Alarm mode: sound, light, character, image alarm

Sensitivity: nanogram level

Start time: ≤ 10 seconds

False alarm rate: $\leq 1\%$

Upgrade method: Supports remote upgrade

Equipment weight: $\leq 600\text{G}$

Storage data volume: ≥ 800000 records

Charging time: $\leq 5\text{h}$

Working hours: $>8\text{h}$

Consumables: Fluorescent tubes, reusable

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