



Lynx Applied Science Pte. Ltd.

www.lynx.technology | info@lynx.technology

LynxScan-1064



LynxScan-1064 is based on the ultra-high fluorescence suppression effect of the 1064nm excitation light itself, which is especially suitable for detecting high fluorescence samples; LynxScan-1064 adopts newly designed high-throughput optical path structure and signal processing technology, which increases the signal sensitivity by up to 4 times and accelerates the detection speed by 4 times. It is very small in size, less than 950g, and very convenient to carry. It can be used in customs, public security, laboratories, workshops, warehouses, docks and other sites to quickly identify drugs, chemical precursors, explosives, jewelry, jade, raw materials and other items. And it can be used to quickly detect and identify additives, pesticide residues and veterinary drug residues in food.



Specification

Model	LynxScan-1064	
Features	Super strong fluorescence suppression effect	
Operating system	Android	
Laser wavelength	1064±0.5nm	
Laser power	0-600mW adjustable	
Wave number range	200-2500cm-1	
Resolution	8-15cm-1	
Touch screen	5.5inch, 1920x1080, multi touch	
Detector	TE cooled InGaAs	
Size	220x110x45mm	
Weight	970g	
Communication interface	WIFI, USB, Type-C, Bluetooth, GSM	
Export Report	Support for exporting multi-information test reports (test results, spectrum information, photo forensics), txt, pdf, etc.	
Battery	4-6hour continuous operation	
Charging Type	USB Type-C	
Operating Temperature	-20 ~ 50°C	
Application &Library	Spectral Library	Application
	<ul style="list-style-type: none">● Drugs: heroin, methamphetamine, cocaine, K powder, fentanyl, alprazolam, etc.● Easy to produce poison: ephedrine, chloroform, ether, etc.● Explosives: TNT, RDX, PETN, TATP, ammonium nitrate, hexolkin, Octogen, etc.● Hazardous chemicals: alcohol, sulfuric acid, gasoline, nitric acid, toluene, potassium dichromate, etc.● Food safety: pesticides, illegal food additives, etc.	Public security, customs, subway, court, prison, public places



Lynx Applied Science Pte. Ltd.

www.lynx.technology | info@lynx.technology

features

1. 1064nm excitation light to reduce fluorescence interference
2. Non-destructive, fast detection and identification, one-click operation;
3. Sophisticated algorithm to detect the mixture;
4. Clear 5.5 capacitive touch screen, superior control feeling;
5. 1300 HD camera;
6. Support barcode and QR code scanning
7. Precise GPS positioning;
8. There are multiple communication methods such as 4G, GSM, GPRS, Bluetooth, WI-FI, etc.
9. Supports self-built spectrum library
10. Test results can generate reports and draw
11. Built-in lithium battery life time: 4-6 hours
12. Lightweight (0.96 kg), easy to carry
13. IP-67 dust proof and waterproof industrial protection