HANDHELD RAMAN SPECTROMETER (BASIC TYPE)
CODE HHL-R240



VIDEO

- One-touch operation, non-destructive, fast detection and identification
- Equipped with raman spectral recognition algorithms, including standard spectra of up to 10,000 kinds of substances
- Supports analysis of pure substances and mixtures, with the ability to create user-owned database
- 5.5" screen and dual cameras to record the inspection site at all times
- Test results support export PDF reports
- Ultra-light weight, suitable for one-handed operation, easy to carry, built-in lithium battery
- 4-6 hours of long battery life

SPECIFICATION

Operative system	Android
Excitation wavelength	785±0.5nm
Wavenumber range	200~4000cm^{-1}
Resolution	10cm^{-1}
Touch panel	5.5", 1920×1080, Multi-Touch
Communication Interface	USB type-C
Fields of application	drugs: heroin, methamphetamine, cocaine, ketamine, etc.
	predisposition to manufacture: ephedrine, trichloromethane, ether, etc.
	explosives: TNT, RDX, TATP, ammonium nitrate, etc.
	hazardous chemicals: sulphuric acid, petrol, nitric acid, toluene, etc.
	food and drugs: illegal additives, pharmaceutical excipients, etc.
Report output	supports export of multi-information test reports (test results, mapping information, photo forensics, etc.)
Work hours	4-6h
Battery	5200mAh lithium battery
Operation temperature	-20~50°C
Dimension (L×W×H)	172×85×30mm
Weight	500g

STANDARD DELIVERY

Main unit	1 pc
Power cable	1 pc
Solid probe	1 pc
Liquid cuvette	1 pc