

HANDHELD RAMAN SPECTROMETER CODE HHL-R240



- One-touch operation, non-destructive, fast detection and identification
- Professional Raman spectral recognition algorithm with built-in standard spectral library of up to 20,000 substances, support for the detection of mixtures, support for the user to build their own spectral data
- 5.5" high definition screen, double cameras of 13-mega plus 8-mega taking evidence pictures in the field
- Host support WIFI, Bluetooth function, 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, virus, 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: Pesticide Residues, Illegal Additives, Pharmaceutical Excipients, etc.
	Jewellery: diamonds, onyx, jade, etc.
Report output	Supports export of multi-information test reports (test results, mapping information, photo forensics, etc.)
Work hours	4-6h
Charge method	USB type-C
Operation temperature	-20~50°C
Dimension	172×85×30mm
Weight	500g

STANDARD DELIVERY

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