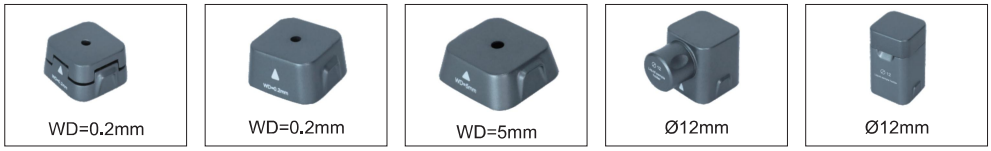
HANDHELD RAMAN SPECTROMETER (ADVANCED TYPE)
CODE HHL-S360

VIDEO



push probe (included) | probe for solid material (included) | probe for solid material (included) | vertical liquid cuvette (included) | horizontal liquid cuvette (included)



- Widely used in industry, medicine, environmental protection, food, public security, defense, etc.
- For the qualitative identification of inorganic and organic substances in various forms
- The 1064nm wavelength has the unique advantage of avoiding fluorescence interference
- Plastic types can be clearly distinguished, with the ability to create user-owned database
- Different sizes of probes and lenses to meet the testing of various samples
- Account privileges can be set to prevent unauthorized disclosure of data
- Compact size, lightweight, replaceable batteries, long battery life

SPECIFICATION

Operative system	android
Wavelength	1064nm
Wavenumber range	200~2500cm^{-1}
Laser power	0~500mW adjustable
Resolution	14cm^{-1}
Focus length	f=10mm*
Touch panel	6.5", 1600×720, multi-touch
Laser class	class 3B
Fields of application	plastics: PP, PS, PVC, PA, ABS, etc.
	drugs: heroin, methamphetamine, cocaine, ketamine, fentanyl, alprazolam, etc.
	food safety: food additives, pesticide and veterinary drug residues, illegal additives, etc.
	gemstones and minerals: authenticity of gemstones, color identification, inclusions analysis, etc.
	petrochemicals: oil quality analysis, chemical raw materials, intermediate by-products, etc.
	pharmaceutical industry: identification of raw materials and excipients, identification of Chinese medicine additives, qualitative identification of drugs, etc.
	others: scientific archaeology, biomedical diagnostics, environmental protection, etc.
Report output	supports export of multi-information test reports (test results, mapping information, photo forensics, etc.)
Communication Interface	bluetooth, WIFI
Battery	5800mAh lithium battery
Work hours	4-6h
Operation temperature	0~40°C
Dimension (L×W×H)	209×95×55mm
Weight	1350g

*Interchangeable focus lens with a focal length of 15mm

STANDARD DELIVERY

Main unit	1 pc
Battery	2 pcs
Charger	1 pc
Sample spoon	1 pc
Disposable droppers	5 pcs
Focus lens (f=15mm)	1 pc
Vertical liquid cuvette (Ø12mm)	1 pc
Horizontal liquid cuvette (Ø12mm)	1 pc
Push probe (WD=0.2mm)	1 pc
Probe for solid material (WD=0.2mm)	1 pc
Probe for solid material (WD=5mm)	1 pc

The red curve is the 1064nm Raman spectrum, the peaks are clearly visible, and it is highly resistant to fluorescence interference.
The black curve is the 785nm Raman spectrum, with large fluorescence interference.

