



# R-561

## RoHS Testing Instrument

- Non-destructive, rapid, and accurate analysis of samples
- High precision, high resolution, high reliability
- User-friendly interface, convenient operation, high-definition camera



### Environmental requirements

- Ambient temperature: 10~30°C
- Relative humidity: 35%~70%
- Power supply requirements: AC220V±5V 50/60HZ
- Rated power: 100W
- No nearby high-power electromagnetic and vibration interference sources
- Instrument weight: 45 kg
- Humidity conditions 40%~70%(non-condensing)

### Instrument specifications

- Sample chamber size: 439\*300\*150mm
- Instrument dimensions: 550\*410\*320mm

### Performance and principle characteristics

- Analysis range: 1ppm ~ 100%
- High-voltage power supply: 5~50KV
- SDD detector
- Test time: 30~150s
- Accuracy: RSD≤0.05%, Ag≥90%
- Tube current: 0~1000μA
- Resolution: SDD129±5eV
- Physical states of tested samples: Solid, powder, liquid
- High-definition camera
- 4096 channel multi-channel analyzer Spec-DPP

### RoHS Directive Regulated Products:

Major household appliances, small household appliances, information technology and communication equipment, power tools, toys, and other electronic and electrical devices. RoHS stands for "Restriction of Hazardous Substances in Electrical and Electronic Equipment," which is used to standardize the material and process requirements for electronic and electrical products, making them more conducive to human health and environmental protection. It covers not only the complete products but also the components, raw materials, and packaging used in the production of the complete products, involving the entire production chain.

### 全分析报告

### Total Analysis Report

样品名称 Sample Name	塑料样品1			
测量时间 Test Time	200.888 (s)	测试人员 Tester	工程师	
管压 Voltage	45 (KV)	管流 Current	500 (μA)	
测量日期 Test Date	2021/12/6 17:14:49	工作曲线 WorkCurve	PE+Cl	
进料单号 PartNumber	2021bbb	供应商 Supplier		
批号 LotNo	2021xxxx	仪器型号 Mode	R-450	
元素 Element	强度 Intensity	含量 (ppm) Content (ppm)	判定 Results	
Br	0.24727951	712.73	Pass	800
Cd	0.00158989	70.10	Pass	80
Hg	0.01796495	521.01	Pass	800
Pb	0.04617040	682.33	Pass	800
Cr	0.00192500	462.50	Pass	800
As	0.00000000	ND	Pass	800
Cl	10.82721732	470.29	Pass	/

### 谱图

注: ND代表含量小于等于2ppm  
X荧光仪器分析测得的数据为表面测试数据;  
Cr, Br为测得该元素的总含量, 如果其显示超标并不代表VI价Cr和PBB, PBDE超标。