



LANScientific ScopeX 980CS

ScopeX 980CS	
Model	Analyzing elements range
ScopeX 980CS	Mg,Al,Si,P,S,Cl,K ,Ca,Ti,V,Cr,Mn,Fe,Co,Ni,Cu,Zn,As,Se,Rb,Sr,Y,Zr,Nb,Mo,Ag, Cd,Sn,Sb,Hf,Ta,W,Au,Hg,Pb,Bi.
Instrument specification	
The main specifications	
Test principle	X-ray fluorescence analysis
Test methods	Energy dispersion type
Test sample	Solid, liquid, powder
Test range	11Na-92U
Equipment size	W570mm x D400mm x H350mm
Equipment weight	43kg
Sample cabin size	Maximum W400mm x D300mm x H116mm
Cover open	Automatic control
Environment settings	
Temperature conditions	10°C-30°C
Relative humidity	40-70% (Non-condensing)
power supply	AC 220V ± 5V 50Hz (slight different of different region)
rated power	100W
X-ray generator	
X-ray tube	High-power side window X-ray tube
Target	W target (standard), Au, Ag, Rh target (optional)
Voltage	5-50KV
Current	0-1000uA
cooling method	Air-cooled
Collimator	5mm, 3mm, 2mm, 1mm, 0.5mm Automatic switching
Detector	
Detector Type	High sensitivity SDD detector
Cooling method	Peltier cooler
Resolution	Optimal <125 eV
Sample cabin	
Working environment	Atmosphere, vacuum
Camera	5 mega-pixel camera high-definition industrial camera