



iEDX-100A

RoHS / Hazardous Materials Analyzer

X-ray tube	• Rh Target, 50kVp 1mA
Detection System	• Si-Pin Diode (Peltier System), (Option : SDD)
Energy Resolution	• Si-Pin Diode : 149eV FWHM at Mn K α (Option : SDD : 125eV FWHM at Mn K α)
Collimator	• 1, 3, 5mm Auto Change
Detection Element	• Al(13) - U(92)
Sample Type	• Solid / Liquid / Powder
Size of the sample chamber	• 310mm X 284mm X 100mm (W x D x H)
Key Features	• RoHS + Halogen Free simultaneous measurement, Antimony(Sb), Tin(Sn), Sulfur (S) can be screening • Qualitative and Quantitative analysis with co-exist elements
Camera Magnification	• 40~80 x
Safety	• 3 point interlock
Type of Report	• Excel, PDF • Custom form
Key Benefits	• Sample pre-treatment is not required non-destructive inspection • Simultaneous multi-element analysis. (Solids, Liquids, Powder) • High sensitive and High Precision • Remote Support by Online • Option : 10ch, 12ch Auto Sampler
Application	• Product screening international environmental regulations (RoHS, WEEE, ELV compliant) • Hazardous material(Cr, Br, Cd, Hg, Pb, Cl, Sb, Sn, S) Screening equipment • Hazardous substances checks that are contained in the toy's accessories, precious metals. • Recycling, Analysis of the lubricating oil & environmental pollutants. • Research and education for elemental component analysis. • Battery, Electronic, Automobile, Precious metal, Injection, Plating, Packaging, etc.



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