

# iEDX-150T

## Specification



Item	Details
X-ray tube	Mo/Rh/W/Ag Target(Optional), 50kVp, 1mA
Detection System	Si-Pin Diode (Option : SDD, FSDD)
Energy Resolution	Si-Pin Diode : 149eV FWHM at Mn K $\alpha$ / Option : SDD(125eV), FSDD(122eV)
	0.3 Collimator (Option : 0.05, 0.1, 0.2, 0.5, 1mm)
	Capillary Optics 50 $\mu$ m
Collimator	Manual / Auto Changing Stage
Detection Element	Ti(22)~U(92)
Sample Type	Solid / Liquid / Powder, Multi-Layer
Size of the sample chamber	660mmX450mmX150mm / 500mmX450mmX150mm
Sample stage moving possible distance	300mmX200mmX150mm / 220mmX200mmX150mm

Item	Details
Size of the sample table	310mm X 260mm
Key Features	<p data-bbox="623 300 954 329">Auto / Manual Stage Mode</p> <p data-bbox="623 359 1425 388">Plating thickness measurement : General, Rh, Pd, Au, Ag, Sn, Ni</p> <p data-bbox="623 417 1446 447">Film thickness measurement of multilayer thin films (up to 5 Layer)</p>
Camera Magnification	40~80 x
Safety	3 point interlock
Type of Report	<p data-bbox="623 674 867 703">Excel, PDF / output</p> <p data-bbox="623 732 784 762">Custom form</p>
Key Benefits	<p data-bbox="623 854 1446 884">Film thickness measurement of multilayer thin films (up to 5 Layer)</p> <p data-bbox="623 913 932 942">Convenient stage control</p> <p data-bbox="623 972 1040 1001">Multi-point measurement possible</p> <p data-bbox="623 1031 938 1060">RoHS Screening (Option)</p> <p data-bbox="623 1089 954 1119">Remote Support by Online</p> <p data-bbox="623 1211 1338 1304">Product screening international environmental regulations (RoHS, WEEE, ELV compliant)</p> <p data-bbox="623 1333 1419 1392">Hazardous material(Cr, Br, Cd, Hg, Pb, Cl, Sb, Sn, S) Screening equipment</p> <p data-bbox="623 1421 1528 1480">Plating analysis automobile parts, Electronic circuit board(PCB), Such as a capacitor</p> <p data-bbox="623 1509 1219 1539">Analysis of single-layer, Multi-layer, Alloy plating</p>
Application	Thickness with Composition Ratio can be measure on time in alloy plating