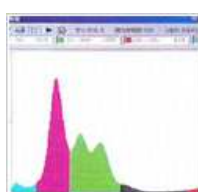
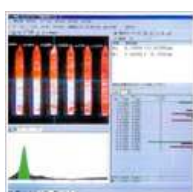


OSC 92ET300 X-ray Fluorescence Coating Thickness Tester

<Features>

- IBM /PC compatible PC system allows direct use of various application of MS-Windows.
- In addition to numerical filter, a mechanical filter has been introduced which allows testing under the best conditions with extremely accurate results.
- Minimum size collimator is 0.1 ϕ mm which allows measurements on microscopic part of the sample.
- Mouse pointing on measuring position makes for quick shoot of the target point. Consecutive automatic measurements can also be performed by simply entering the measuring position.
- Irradiated part is displayed on the Windows screen.
Screen size changes automatically according to the size of using collimator.
- With the self-check function, trouble-shooting is simple, clear and quick.



Screen during the measurement

<Specifications for each table type>

Measurement table		Manual table	Automatic table	
Headpart	Size (mm)	170 x 110	240 x 220	
	Movement length	X (mm)	70	200
		Y (mm)	70	200
		Z (mm)	80	50
	Test item's height (Max.)	80 (option 150)	50	
	Aparatus size (mm)	602(W) x 463(D) x 732(H)		
	Weight (kg)	55	61	
Sample loading (kg)	3	1		
Operation	Aparatus size (mm)	Main unit 182(W)x368(D)x372(H) / Monitor 412(W)x424(D)x420(H)		
	Weight (kg)	Main unit 9 / Monitor 21		
Printer	Weight (kg)	5.2		

<Specifications for all table types>

	OSC 92ET300
X-ray source	Immersed in oil, compact size Infinitesimal x-ray tube Target : Tungsten, Tube voltage 50KV, Tube current variable 1.2mA
Irradiation	Vertical irradiation from above
Detector	Proportional counter tube
Collimeter	Five sizes (automatic change system) 0.1, 0.2, 0.5, 1.0, 2.0 ϕ mm (option : 0.05 x 0.5, 0.05 ϕ)
Measurable object	Atomic number 22 (Ti) ~82(Pb)
Filter	Automatically changes numeric and mechanical filters (Ni and Co) filter
Measurement range	Atomic No. 22-24 : 0.2-approx. 20 μ m, Atomic No. 25-40 : 0.1-approx. 30 μ m
	Atomic No. 41-51 : 0.2-approx. 70 μ m, Atomic No. 52-82 : 0.1-approx. 10 μ m
Calibration curve	Auto-created, multi-point calibration
Application	Single layer, Two-layer and Three-layer plating thickness test
	Simultaneous measurement of thickness of composite component ratio
	Electroless Nickel plating thickness test
Measurement function	Automatic measurement, Output mode setting, Automatic measurement condition setting, Spectrum measurement, Measuring the distance between two points

***We have a compact type of this kind of equipment. Please ask if you prefer the smaller one.**