

- Rapid Micro Analysis & Measurement....
- No sample preparation....
- Concise Report Format....



SEA 5100/5120

Micro XRF Element Monitor

The SEA 5120 can be used not only for foreign matter analysis, but also for metal plating thickness measurements. Whatever the sample, the SEA5120 is the answer to quick and easy analysis.



The SEA5120 Up Close:

- **Optical image of sample particles**
 - Rapid particle observation using the optical microscope.
- **Quick and accurate analysis**
 - Simultaneous analysis; Na~U
 - Analyze 100um particles.
 - A 75mm X 75mm travel automatic sample stage.

sample stage ▶



- **Easy operation...**
 - Simple position setting with the mouse. (MS-Windows)
 - Use the auto-select & search function to determine the element makeup.
 - With the X-ray excitation system, no preparation is necessary when analyzing insulated materials such as ceramics, plastics, minerals, and glass.
- **Both the image information and analysis information are displayed on the same screen**
 - Flexible data management with pop-up screens.
 - Concise reports of test results.

●SEA5120 Specifications

Dimension	
Measurement head :	590(W)×750(D)×710(H)mm
Station / CPU :	450(W)×630(D)×545(H)mm
Mouse Pad :	235(W)×200(D)×5(H)mm
Printer :	494(W)×399(D)×182(H)mm
Controller :	236(W)×130(D)×68(H)mm
X-ray Generator	
X-ray tube :	Mo target, Be window
Collimator (2 sizes) :	1.8mm φ & 0.1mm φ, 0.025mm ⁻¹ & 0.1mm φ
Detector	
Type :	Si (Li) Semiconductor Detector
Auto Drive Stage	
Stage size :	80mm×80mm
Stage travel :	75mm(X)×75mm(Y)×35mm(Z)
Sample Image	
Magnification :	Maximum ×40/×120
Station	
CPU :	486Dxii/100MHz
Memory :	16MB
OS :	MS-DOS MS-Windows
Hard Disk :	IDE-500MB
FDD :	3.5 inch 1 drive
Software	
Qualitative analysis :	Auto analysis, Na~U
Quantitative analysis :	Calibration curves/FP method (Option)
Mapping :	Line and Area

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