

AUTOMATIC XRF PLATING THICKNESS INSTRUMENT PART NO. XRF-FA350

AUTOMATIC MOBILE PLATFORM

- According to DIN ISO 3497, DIN 50987, and ASTM B568
- For large parts, irregularly shaped parts, and multi-point testing of tiny parts
- Equipped with zoom technology, it allows for non-destructive testing of irregular components with depth from 0 to 2.76"
- Equipped with AI image recognition function, it enables automatic, intelligent, and online detection
- Equipped with an automatic programmable mobile platform, it allows automatic detection of large batches of samples
- Core EFP algorithm for the simultaneous analysis of 23 types of platings and 24 elements



SPECIFICATION

Plating analysis	range of elemental analysis	Li(3)-U(92)
	detection limit	.394μin
	range of plating thickness	.394~3149.6μin
Analysis time		1~40s
Detector		high-efficiency proportional detector
X-ray device		microfocus enhanced ray tube
Collimator		.0079"DIA
Spot spread at the nearest measurement distance		<10%
Distance to zoom		0~2.76"
Sample observation		1/2.7" color CCD with zoom functionality
Focusing method		high-sensitivity lens with seamless auto-focus
Movement mode of sample stage		automatic high-precision XY platform
Movement range of XY-axis		8.27×9.06"
Movement range of Z-axis		5.71"
Working environment		59~86°F, <70%RH
Power supply		AC110V, 60Hz, 150W
Dimension (W×D×H)		21.65×29.92×24.89"
Weight		264.55lb

STANDARD DELIVERY

Main unit	1 pc
Computer	1 set
Printer	1 pc
Accessory case	1 pc
12 elemental tablets	1 set
Ni standard sheet	1 pc
Ag standard sheet	1 pc

OPTIONAL ACCESSORY

Plating solution measuring cup	XRF-PT230-MC
Solution test membrane	XRF-PT230-SF
Au standard sheet	MSS-P01
Cr standard sheet	MSS-P02
Cu standard sheet	MSS-P03
Zn standard sheet	MSS-P04