

AUTOMATIC XRF PLATING THICKNESS INSTRUMENT

CODE 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 non-destructive testing of irregular components with depth from 0 to 90mm
- 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	0.005 μ m
	range of plating thickness	0.01~80 μ m
Analysis time		0~40s
Detector		high-efficiency proportional detector
X-ray device		microfocus enhanced ray tube
Collimator		\varnothing 0.2mm
Spot spread at the nearest measurement distance		<10%
Distance to zoom		0~90mm
Sample observation		1/2.7" color CCD with zoom functionality
Focusing method		high-sensitivity probe featuring imperceptible auto-focusing
Movement mode of sample stage		automatic high-precision XY platform
Movement range of XY-axis		210 \times 245mm
Movement range of Z-axis		145mm
Working environment		15 $^{\circ}$ C~30 $^{\circ}$ C, <70%RH
Power supply		AC220V, 50Hz, 150W
Dimension (W \times D \times H)		535 \times 760 \times 635mm
Weight		120kg

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