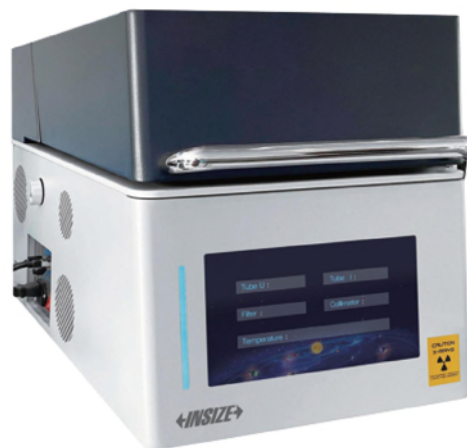


VACUUM XRF PLATING THICKNESS INSTRUMENT/ROHS ANALYZER CODE XRF-VF300

VACUUM SYSTEM
MANUAL ZOOM

- According to DIN ISO 3497, DIN 50987, and ASTM B568
- Used for RoHS analysis, electroplating/electrophoretic plating analysis
- Minimum measurement area of 0.2mm² with micro-focus X-ray generator and advanced optical switching focusing system
- Equipped with manual zoom technology, it allows for non-destructive testing of irregular components with depths from 0 to 30mm
- Core EFP algorithm for simultaneous analysis of 23 plating layers, 24 elements
- Equipped with an intelligent vacuum system, it enhances the precision of analysis for platings of light elements, resulting in more stable data



SPECIFICATION

| | | |
|---|-----------------------------|---|
| RoHS analysis | range of elemental analysis | Cd, Pb, Hg, Br, Cr, Cl, As, Sb |
| | detection limit | 2ppm |
| | content range | 2ppm~99% |
| Plating analysis | range of elemental analysis | Li (3)-U (92) |
| | detection limit | 0.005μm |
| | range of plating thickness | 0.01~80μm |
| Algorithm | | EFP |
| Analysis time | | 5~300s |
| Detector | | SDD (silicon drift detector) |
| X-ray device | | microfocus enhanced ray tube |
| Collimator | | automatic switching of 4 types of collimators: Ø0.5mm, Ø1.5mm, Ø3mm, Ø8mm |
| Spot spread at the nearest measurement distance | | <10% |
| Sample observation | | 1/2.7" color CCD with zoom functionality |
| Distance to zoom | | 0~30mm |
| Focusing method | | highly sensitive lenses with manual focusing |
| Vacuum system | | intelligent vacuum system |
| Height of vacuum cavity | | 80mm |
| Working environment | | 15~30°C, <70%RH |
| Power supply | | AC220V, 50Hz, 95W |
| Dimension (W×D×H) | | 550×410×370mm |
| Weight | | 50kg |

STANDARD DELIVERY

| | |
|---------------------------|-------|
| Main unit | 1 pc |
| Computer | 1 set |
| Software | 1 set |
| Printer | 1 pc |
| Vacuum pump | 1 pc |
| Accessory case | 1 pc |
| 12 elemental tablet | 1 set |
| Ni standard sheet | 1 pc |
| Ag standard sheet | 1 pc |
| ERM-EC681m 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 |