AELAB CUBE680 X-Fluorescence Spectrum Analyzer   ISO/CE   *New Arrival*

※ Applications:

XRF (X-ray fluorescence) gold testers are non-destructive analytical tools widely used for determining the composition of gold and other precious metals. These devices are popular in industries where accurate and quick metal identification is critical.

※ Jewelry and Precious Metals Industry

* Gold purity verification (karat identification)
* Authenticity testing of gold, silver, platinum, palladium, etc.
* Detection of counterfeit or plated items
* Used by jewelers, pawnbrokers, gold dealers, and refineries

※ Advantages of XRF Gold Testing

* Non-destructive (no damage to sample)
* Fast (results in seconds)
* Portable (handheld models available)
* Accurate for both surface and bulk analysis
* No need for chemicals or sample prep

Technical Specifications:

Model	CUBE680
Analysis Range	0.01% to 99.9%
Accuracy	0.05%(Au≥96%)
Sample Form	Solid, powder
Tube Voltage	5KV ~ 50KV
High Voltage Power Supply	0 ~ 50KV
Camera	HD camera
Filters	Selectable customized switches
Detector Type	Si - PIN Detector Made in China
Multichannel Analyzer	Digital multichannel
Sample Chamber Size	310 * 230 * 90 (mm)
Test Time	5 ~ 60sec
Measuring Element	74 elements:Au,Ag,Cu,Zn,Ni,Cd,Sn,Fe, Re, W,Ru,Os,In,Mn,Rh,Pt,Pb,Pd,Co,Sb,Cr,Ir,Ge, Hg,Ti,Mo...... (For use in the precious metals industry only)
Analysis Software	Qualitative and quantitative analysis software
External Dimensions	395 * 350 * 340 (mm)
Weight	25Kg
Ambient Temperature	5 ° C ~ 30 ° C (Suggested that in air conditioning room)
Relative Humidity	15% ~ 85%
Power Requirements	AC 220V ± 5V, 50/ 60 Hz, No high power electromagnetic and vibration interference sources nearby