

XRF Machine (AEDX-3600)

▶▶▶ Instrument introduction

AEDX3600 incorporates of experience in precious metals testing with unique product configurations and fully functional software. Its ergonomically design and friendly software interfaces grate the users a simple measurement job.

AEDX3600 is configured with an efficient and practical proportional counter, delivering compositions and plating thickness measurements of precious metals in a reasonable cost. The novel AEDX3600 has modern outlook, structure and color design.

▶▶▶ Performance characteristics

Specialized precious metals and plating thickness testing.
 Intelligent Precious Metals Analysis Software matches perfectly with the hardware.
 Arbitrary optional analysis and identification models.
 Independent matrix effect correction models.
 Multi-variable non-linear regression procedure.

▶▶▶ Technical specifications

Measurable elements:	Au, Ag, Cu, etc
Measurement Precision (Standard Deviation Statistic):	0.05%-0.1% (main element content over than 96%) 0.01um~0.05um (for coating element analysis)
Tube voltage:	5-50KV
Tube current:	50-1000μA
Test time:	60~100s
Ambient humidity:	<=70%
Ambient temperature:	5-30
Power:	AC200V+5V(AC purified stabilizer voltage power supply is recommended)

▶▶▶ Standard configurations

Single sample chamber
 Laser positioning device
 Signal detection electronic circuit
 High and low voltage power supplies
 X-ray tube

▶▶▶ Application fields

Content determination of precious metals Au, Pt, Ag, etc and jewelries.
 Thickness measurement of metal plating and content determination of plating solutions and plating
 Precious metals and jewelries processing industries, banks jewelries shops and testing centers, plating industries



▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility



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HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.ais-india.com
www.analyticalgroup.net
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