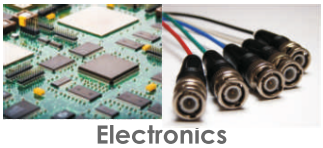
StaRk

AXiom



Electronics

SAC	Au		
Ni	Ni	Ag	
Ag	Cu	Cu	Soldering
Ceramic	Epoxy	Epoxy	
	Au/Ag		
Au	PdNi		
Ni	Ni	Ni	Connectors
Cu-alloy	Cu	Cu	
NiP			
Al			Surface

General Metal Finishing

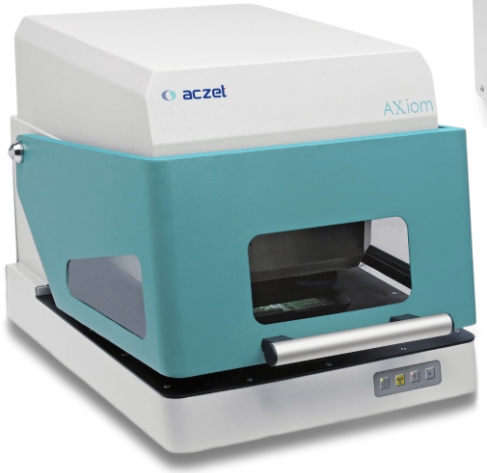
	Cr		
	Zn	NiP	
Fe	Fe	Fe	Corrosion
TiN	TiAlN	Cr	
Tool-steel	W-carbide	Fe	Wear/Heating
	Cr		
	Ni	AuCuCd	
	Cu	Ni	
Brass	Al	Cu	Cosmetic

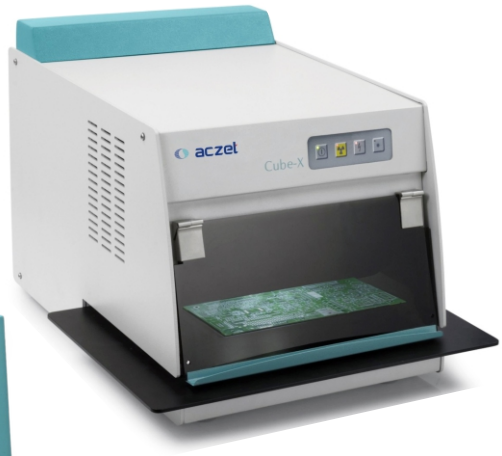
Jewellery Alloy

% Au	% Cr	% Au
% Ni	% Fe	% Ag
% Cu	% Ni	% Cu
% Zn	% Mo	% Zn

Identification & composition of Jewellery alloy

Quick, non-destructive analysis of jewllery and other alloys





Model	StaRk	Axiom
Measuring Direction	Bottom to Top	Top to Bottom
Applied Application	Coating Thickness Measurement on Metals, Gold & Silver Analysis in jewellery and alloys	
X-ray Tube	Min-focus, high performance, W-target, spot 0.2mm-0.8mm	High performing, stable with long life tungsten tube. Spot size approx.0.5x0.5mm to assure minimal beam spread
High Voltage	50kV (1.2mA) Software Control Optimized	
Detector	High resolution Gas Filled Prop Counter / Silicon Pin Detector / Silicon Drift Detector	
Measurement Time	60 sec. to 180 sec.	
Collimator	0.3mmØ or 0.5mmØ	0.1mm, 0.2mm, 0.5mm, 0.7mm
Multi Collomator	0.3mmØ or 0.5mmØ, Optional four positions Collimator changer	Collomator changer, 6 positions motorised, automatic 0.1mmØ / 0.2mmØ / 0.3mmØ / 0.5mmØ / 0.5mmØ / 0.05 x 0.05mm / 0.05 x 0.25mm
Sample Stage	Fixed Sample Positioning	Motorised programmble X,Y
Power Supply	230VAC, 50/60Hz, 120W / 100W	AC 110V or Ac 230, 50 - 60 HZ
Inside Chamber	330 x 200 x 170 mm (WxDxH)	500 x 489 x 172.5 mm (W x D x H)
Dimension	500 x 652 x 500 mm (W x D x H)	350 x 450 x 310 mm (WxDxH)
Weight (Approx)	32 kg	45 kg