

Fishtro Instruments



What's Distinctive:

Unique measurement geometry, entry level price



KARAT VISION K5-Series High Precision Precious Metal Measurement System

Karat Vision developed K5-series Gold measuring instruments optimized for fast and accurate non-destructive analysis of Jewellery, Precious Metals, Jewellery, Coins and Alloys.

Innovative & Reliable XRF For Precious Metals It uses the most reliable and recommended XRF technology for karat classification and high precision measurement.

FISHTRO has defined specific goals in order to be a valuable and responsive partner to our customers and our suppliers.

The true value of jewellery and ornamental objects lies beneath the surface with the value of items being bought, sold and recycled determined by the precious metal's precise elemental composition. Using XRF (X-ray fluorescence) makes precious metals and jewellery testing easy and quick. Accurate and non-destructive, XRF precious metal analyzers ensure fair price without the need to use chemical assay, fire assay or alternative testing methods for analysis.

FISHTRO XRF analyzers verify the amount of gold (Au), silver (Ag), platinum group metals (PGM) platinum (Pt) and palladium (Pd) and detect rarer precious metals such as osmium (Os), iridium (Ir) and ruthenium (Ru). Our gold spectrometers quickly provide exact karat weight and percentages of all elements within an item. You'll also be able to detect the presence of hazardous substances, such as nickel (Ni), lead (Pb) and cadmium (Cd) and measure plating thickness and composition, such as gold coatings on sterling silver (vermeil) and rhodium (Rh) coatings on gold alloys, even on minute pieces.

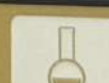
Precious metals analysis with FISHTRO XRF can help to ensure the true transactional value of each piece.



Elemental
Analysis



Coating Thickness
Measurement



Solution & Powder
Analysis

www.karatvision.com

KARAT VISION K5-Series

Advance FSDD PRO+
Superior technically.
Supported locally.



Specifications

- Jewellery Industry
- Karat Certification & Hallmarking
- Refining & Melting Operations
- Museums & Archaeological Sites

X-Ray Tube	Micro-Focus, Tungsten Tube, Be window
High Voltage	Programable 50Kv
Detector	Silicon Drift FSDD PRO+ Peltier Cooled
Collimator	Fixed 1.0 mm or As per Cooled
Resolution	<122eV
Design	Bottom to Top
Element Range	S (16) to U (92)
Diamention	450*420*310mm
Camera	High Resolution CCTV, 20X Zoom
Power	110-240V AC, 50/60Hz, 100W
Temp Range	10 - 40°C
Weight	Approx 35 kg

FISHTRO is well-known organization consist group of professionals, each having several years of experience in the field of analytical, scientific, process and test & measuring instrumentation.

FISHTRO Equipment with its experience for more than 2 decades in X-Ray technology introduces always innovation in precious measurements with latest hardware technology, intuitive software package, simplicity in operation at affordable cost.



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