



## NIDHI

### Precious Metal Analyzer



Humanized Interface



Convenient Operation



Ultra Clear Camera



Rapid Detection



Jewelry  
Manufacturing



Bureau Of Quality And  
Technical Supervision



Cash Gold Exchange



Recycling Industry



Retail Industry



Pawnshop/  
Refining Industry

# NIDHI Precious Metal Analyzer

## Application Field

## Advantages And Characteristics

### Easy to Use

The analysis results of the carat grades and components can be obtained by one-click operation

### Products Design

The fuselage structure is small and strong.  
beautiful in appearance, suitable for placement in the showroom

### Software Function

Use PC and software to facilitate the production of sample test results certificate

### Data Download

Test data can be uploaded to the download network, and the detection results are easy to view and share

### Innovation Function

Contribute to identify the innovative features of gold-plated samples

### Fast Detection

Precise results on the chemical composition and carat grades of the sample can be detected within seconds

### Lighting System

Through the camera and the in-cabin lighting system. The inspection location of the sample can be seen, Enhance test confidence

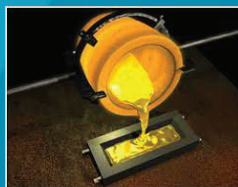
### Safe Protection

X-ray protective lock. The X-rays are emitted only in the closed state, Ensure customer use safely and reliably

### Hallmarking Centre



### Refineries



### Jewellery Shops



### Bullion



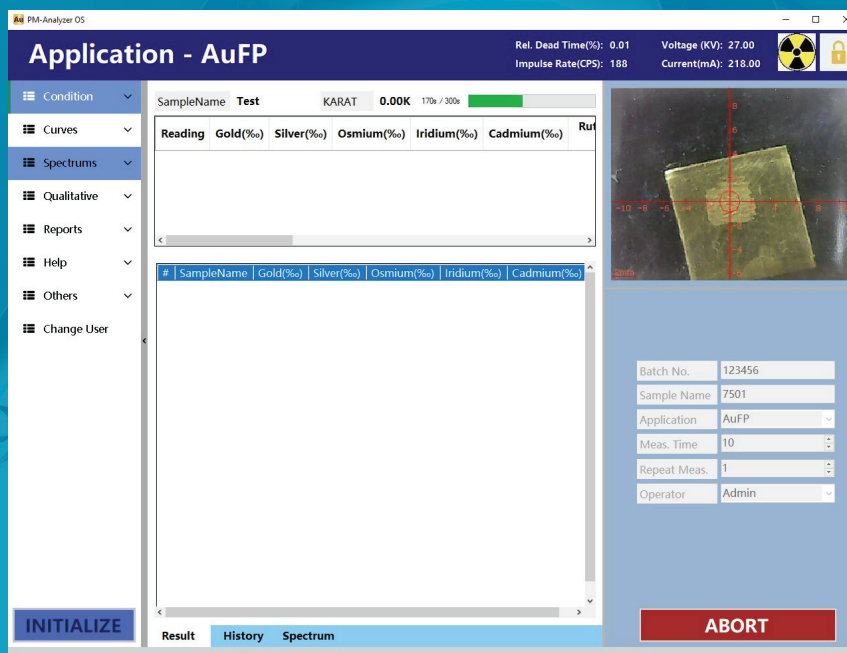
### Bank / Finance



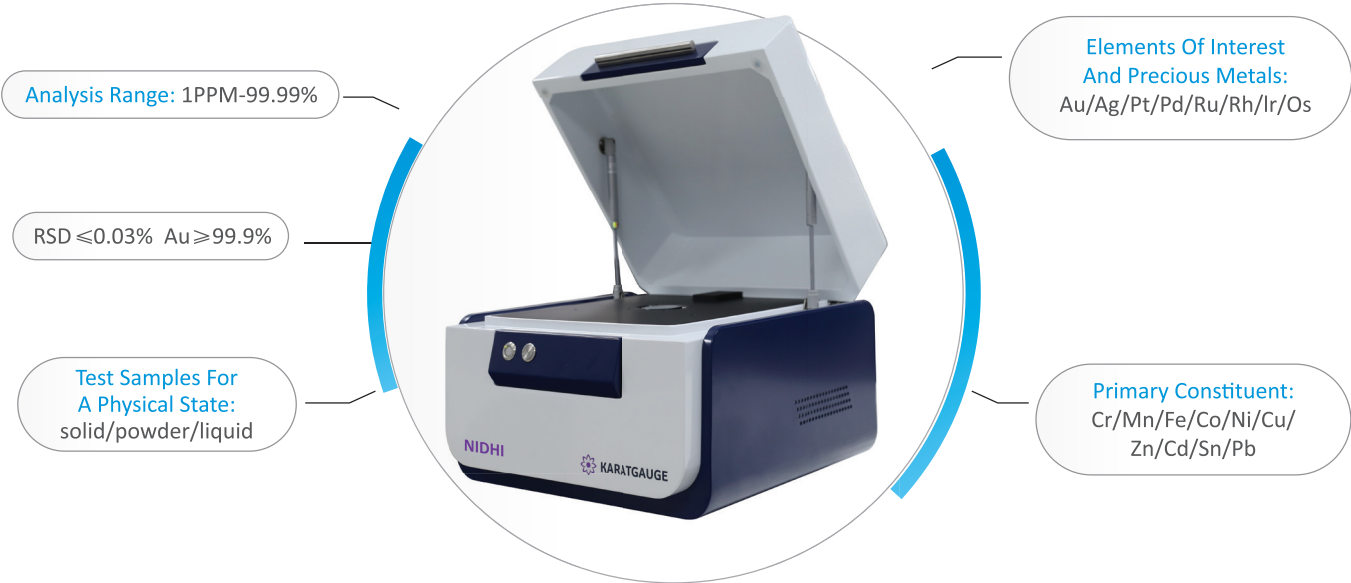
### Old Gold exchange



## Application Software



# Technical Specification



## Environmental Requirements

Ambient Temperature  
10-35° C

Relative Humidity  
35-70%

Power Requirement  
AC220V  $\pm$ 5V 50/60HZ

Precious Metals Special  
Analysis Software

External Dimension  
414\*416\*362mm

Weight  
28kg

## Technical Parameter

High voltage source: 0-50KV

Light tube voltage: 5-50KV

Light tube flow: 0-1000 u A

Filter: Choose a variety of custom switches

Detector: SDD / Si-PIN

Multi Collimator Option

DPP:4096-DPP

Sample cavity size: 307\*268\*97mm





KARATGAUGE, a proud Indian manufacturer with a strong backing of research and development, production, sales, service, committed to the development of indigenous high precision X – Ray Fluorescence (XRF) Spectrometer. With its HO at Cochin, Kerala Karatgauge does the extensive market research in terms of customer needs and industries challenges and thrives to develop the products with cutting edge technology to ensure the business prosperity of the industry and customers.

Our product range includes Precious Metal Analysers for jewellery and bullion, PMA Hallmarking, RoHS analysers, Alloy Analysers etc...

Team KARATGAUGE ensures the ROI and timely after sales support through out India vide its service network.



**ADDRESS : KARATGAUGE**  
No. 67/10068 B1, T. D. Road,  
Ernakulam, Kerala - 682035 INDIA

**Contact No:**  
8907840974 / 0484-3130004  
**email:** [info@karatgauge.com](mailto:info@karatgauge.com)  
**Website:** [karatgauge.com](http://karatgauge.com)

