



NIDHI SDD 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 SDD 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

The screenshot shows the software interface for the NIDHI SDD Precious Metal Analyzer. The main window is titled 'Application - Au'. It displays sample information: SampleName: Test, KARAT: 0.00K. A table shows the chemical composition results for various elements. A 'START' button is visible at the bottom right.

#	SampleName	Application	Gold	Silver	Copper	Zinc	Nickel	Cadmium	Palladium	Ruthenium	Tin	Iridium	Lead	Cobalt	Chromium	Rhodium	Tungsten	Iron	Indium
Group 14/03/2024 12:08:43																			
Mean Value	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard deviations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
No. of readings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Batch No. Group 14/03/2024 12:08:43
 Sample Name 6
 Collimator 1.2
 Application Au
 Repeat Meas. 1
 Operator Admin

START

Instrument connected!

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
460*460*390mm

Weight
39kg

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: Amptek SDD

Multi Collimator Option

DPP:4096-DPP

Sample cavity size: 350*300*97mm



KARATGAUGE

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.



KARATGAUGE

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