



شرکت ابزار طب  
وارد کننده تجهیزات  
آزمایشگاهی - تشخیصی - علمی  
تاسیس ۱۳۶۳

تهران، خیابان مطهری، خیابان فجر، پلاک 38



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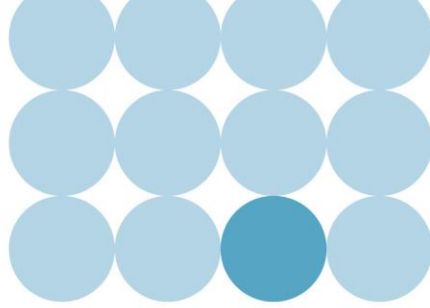
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Awarded No. 1 Brand - Accuracy - Service - Price



Quality means doing it right  
when no one is looking

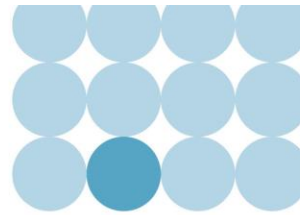


**SPECTRUM**

XRF Gold Purity Analyzers

Fast, precise and non-destructive metal testing for JEWELLERY retailers, jewellery manufacturers, HALLMARKING centers, precious metal refineries, pawn shops, government quality inspection departments, banks for GOLD LOANS and laboratories.





## SDD & SI PIN MODEL

For Professional Metal Analysis - Tunch Centres Hall Marking  
Centres For Wide Range Analysis of Elements

## SDD EXF 9900 & SI PIN EXF 9600

Spectrometers/Gold analyzers for Gold Testing

### meets your needs

SDD Model EXF 9900 & SI PIN Model EXF 9600 can provide customers higher accuracy and precision. With Si-pin & SDD detector delivers wide elemental coverage with an easy-to-learn software. Non-destructively analyze from sodium (Na) through uranium (U) in powders, liquids and solids. It is designed exactly to security standards with active radiation protection, high voltage protection and X-ray tube overheating protection. Stable software system, Warm-up and anti-interference procedure is controlled by the program, to reduce the interference by the reflected X-ray and the spectrums, to improve the accuracy and stability

## SI PIN EXF 9600



## SDD EXF 9900



### Specifications : SDD EXF 9900 & SI PIN EXF 9600

Analysis Range	: 1% - 99.99%
Detector	: SDD & SI PIN Diode Detector
Precision	: $\pm 0.01\%$ under optimized test conditions with homogenous sample
Operating Environment	: 10-30° Deg Celsius, less than 95% humidity
High Voltage	: 4-50 Kv
Testable Elements	: Au, Ag, Pt, Cu, Ni, Zn, Pd, Cd, In, Ir, Rh, Ru, Co, Mn, Fe, tin etc.
Main Structure	: ABS moulded and Xray protected
N/G Weight(KG)	: 31 kg
Dimensions (mm)	: 670*400*330
Measurement time	: 30-200 seconds Auto mode available 60 sec for best results
Scanning area	: 1-2 mm expandable spot + < 40 micron
Power consumption	: 144 watts
Software	: XRF 7.0 with auto adjustment of hardware parameter
PC /Laptop interface	: Inbuilt PC with USB port for connectivity special touch screen interface optional printer interface



THE LATEST HIGHEST DETECTOR  
MADE IN USA

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شرکت ابزار طب  
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آزمایشگاهی، قطعاتی، نسج  
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## PC MODEL

# Spectrometers/Gold analyzers For Gold Testing

For Jewellery Shops/Banks/Gold Loans

## NAP 8200



NAP 8200 is an excellent product offering highest price to performance ratio in the industry. The new design is based on aero space design concept and also its sleek shape makes it a compelling instrument for every jewellery showroom or banks to provide fast and accurate results

### Specifications : NAP 8200

Analysis Range	: 1% - 99.99%
Precision	: $\pm 0.1\%$ under optimized test conditions with homogenous sample
Testing Area	: 1-2mm spot + <40 micron
Testing Time	: 30-200 secs Auto mode available 40 secs for best results
Detector	: High resolution micro processor based hermitic proportional counter
Available Elements	: Au,Ag,Pt,Cu,Ni,Zn,Pd,Cd,In
High Voltage	: 4-50Kv
Power (watts)	: 128w
PC/Laptop Interface	: Inbuilt PC with USB port for connectivity special touch screen interface
Software	: XRF 3.0 with auto adjustment of hardware parameter for superior performance
Operating Conditions	: 10-30° Deg. celsius, less than 95% humidity
Dimensions (LWH)	: 670*400*330mm
Weight	: 33kgs

### Features :

1. Inbuilt PC - No Messy cables & saves premium space in jewellery showrooms.
2. Aesthetic design with elegant appearance.
3. Easy to place sample.
4. Portable printer to print labels of the report with Date, Time & Other details.
5. Test jewelry & Display results in 40 Secs.
6. Multi Touch screen, make its user friendly (Also operates on keyboard & Mouse)
7. Real time system status monitor with Touch operation.



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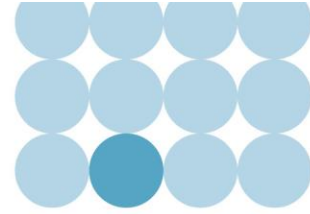
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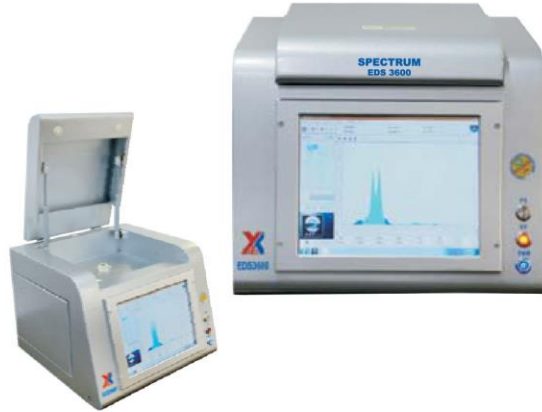
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## EDS 3600



### Description:

It is designed with high security standards to protect the operator from any radiation leak, high voltage protection and X-ray tube overheating protection system will give you an additional feeling of safety. This new system comes with software controlled "Warm-up and anti interference procedure" reduces the interference by the reflected X-ray and the spectrums to enhance the accuracy and the stability.

After test is completed display will show the Karat value and as the % of weight.

### Specifications EDS 3600 Gas filled PC counter:

Analysis Range	: 1% - 99.99%
Detector	: Gas filled Proportional counter
Precision	: $\pm 0.1\%$ under optimized test conditions with homogenous sample
Operating Environment	: 10-30° Deg Celsius, less than 95% humidity
High Voltage	: 4-50 Kv
Testable Elements	: Au,Ag,Pd,Cu,Ni,Zn,Cd,In,Rh etc.
Main Structure	: High-strength metal frame and industry plastic shell
N/G Weight(KG)	: 26 kg
Dimensions (mm)	: 400*410*400 (Chamber size 310*220*120)
Measurement time	: 30-200 seconds Auto mode available 60 sec for best results
Scanning area	: 2-5 mm expandable spot $\pm 40$ micron
Power consumption	: Ac 220 watts $\pm 5$ Watts, 50/60 Hz
Software	: KEY Qualitative and quantitative analysis software
PC /Laptop interface	: Inbuilt PC with USB port for connectivity special touch screen interface optional printer interface