

Awarded No. 1 Brand - Accuracy - Service - Price



Quality means doing it right  
when no one is looking



**SPECTRUM**  
XRF Gold Purity Analysers

: 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.

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

## SI PIN & SDD MODELS

Spectrometers/Gold analyzers for Gold Testing

# SI PIN 9600 & SDD A5

meets your needs

SI Pin SP 9600 & SDD A5 can provide customers higher accuracy and precision. SI Pin SP 9600 & SDD A5 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 spectrum, to improve the accuracy and stability

## SI PIN 9600



### Specifications SI Pin SP 9600:

Analysis Range	: 1% - 99.99%
Detector	: Si-Pin Diode Detector
Precision	: ±0.01% under optimum test conditions with homogeneous sample
Operating Environment	: 10-45 Deg. Celsius, less than 95% humidity
High Voltage	: 4-50 Kv
Testable Elements	: Au, Ag, Pt, Cu, Bi, Zn, Pb, Cd, Fe, Cr, Ni, Ba, Co, Mn, Pd, In, Se
Main Structure	: ABS material and Krog protection
Net Weight(KG)	: 21 kg
Dimensions (cm)	: 610*400*230
Measurement time	: 50-200 seconds Auto mode available 40 sec for test result
Scanning area	: 1.5 cm measurable spot = 40 micron
Power consumption	: 344 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

## SDD A5



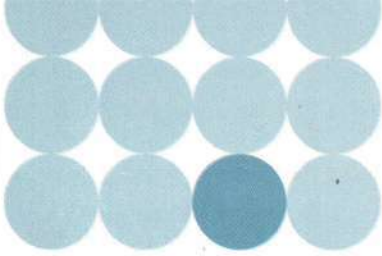
23" OLED DISPLAY SCREEN



THE LATEST HIGHEST DETECTOR  
MADE IN USA

### Specifications SP A5:

Accuracy	: ± 0.01%
Machine resolution	: 1.172-5Kv
Detector	: SDD Detector
Input voltage	: 100-240V
Density	: Yes
Thermal	: Yes
Stable in industrial computer	: Yes
Rated power	: 250W
Weight	: 33kg
Dimension	: L 450 mm*W 400mm*H 260mm



# PC MODEL Spectrometers/Gold analyzers For Gold Testing

## SP 8200



SP 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 SP 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	: 10-45 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.

## SP 3500



### 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.

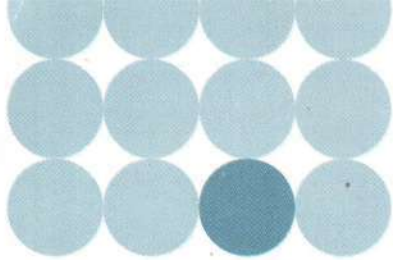
After test is completed display will show the Karat value and as the % of weight.

### Accessories

- On line Uninterrupted Power Supply.
- Keyboard and Mouse for feeding customer name in printout.
- Printer
- Protective dust cover.

### Specifications SP 3500 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	: 10-45 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



# SI PIN/SDD MODEL

## Spectrometers/Gold analyzers

For Gold Testing

# SP A6 COMPACT MODEL



### Specifications SP A6

Instrument dimension	: 480X312X310mm
Test chamber dimension :	210X300X100mm
Detector	: X55Sipin/CFAN X55SDD
HV	: 50KV/1mA (Half size of previous HV)
Tube	: W tungsten Be Window
Computer	: AXMB (Integrate computer and control system)
FAN	: Turbofan x2
Display Screen	: OLED 9.7
Touch Screen	: Customized
Press button	: Power and Test
Radiation protection	: Lead glass x2
Weight	: 6.3 kg
Voltage	: 100-240 Kv
Rated Power	: 60w