New Product

EDX 880 Universal Precious Metals Analyzer

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**Product Introduction**

EDX 880, a specialized precious metals tester, is capable of measuring inner walls of the jewelry and other irregular samples.

**Technical features**:
- Manual lift platform for measuring samples at different heights
- Multiple sample holding ways (universal sample clamp, plasticine, sample plate) for holding samples of different shapes
- Top tightening structure makes it easy to change the collimators
- The diameter of the collimator is as small as 1mm, making it possible to measure the micro area
- Large window proportional counter, meeting the requirements of different applications
- Large sample chamber for measuring large samples
- Laser positioning of CCD permitting visualized observation and fast positioning of samples
- Good radiation shielding capability protects the operators

**Technical Specifications**

- Measurable elements: Au, Ag, Pt, Pd, etc.
- Analysis range: 1ppm to 99.9%
- Arbitrary optional analysis and identification models
- Independent matrix effect correction models
- Multi-variable non-linear regression procedure
- Repeatability: ±0.5%
- Stability: ±0.5%
- Power supply: AC 220V±5V

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<table>
<thead>
<tr>
<th>Measurement time</th>
<th>60-200s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube voltage</td>
<td>5-50KV</td>
</tr>
<tr>
<td>Tube current</td>
<td>50-1000μA</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>5°C-30°C</td>
</tr>
<tr>
<td>Dimension</td>
<td>450X450X360mm</td>
</tr>
<tr>
<td>Weight</td>
<td>31kg</td>
</tr>
</tbody>
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**Application Fields**

Precious metals Au, Ag, Pt, Pd, etc.

Fields requiring analysis of precious metals by X-ray Fluorescence Spectrometry

Jewelry stores and other places

**Core Technologies**

- Large power X-ray tube
- Super large window proportional counter
- Curved design, elegant and eye-catching
- Large sample chamber houses large samples
- Multiple sample holding ways (universal sample clamp, sample plate, plasticine), offering common tests, inner wall tests and irregular samples tests
- Manual lift platform offers tests of samples of different thicknesses
- Small collimator enables the test of micro area
- Laser positioning CCD positions the test spot visually and accurately. The laser automatically stops when the measurement starts, which helps taking clearer pictures.
- Good radiation shielding capability guarantees the safety of the operators
- The measurement can be observed through the transparent cover

**Standard Configurations**

- Proportional counter
- 50W X-ray tube
- High voltage output 50KV@1mA
- Laser positioning CCD
- High sensitive signal detection circuit

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<table>
<thead>
<tr>
<th>Configuration</th>
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</thead>
<tbody>
<tr>
<td>Manual lift platform</td>
</tr>
<tr>
<td>Universal sample clamp</td>
</tr>
<tr>
<td>Plasticine</td>
</tr>
<tr>
<td>Collimator with diameter of 1.0mm</td>
</tr>
</tbody>
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**Designing/Development/Manufacturing/Sale/Service**