## EDX–880, Universal Precious Metal Analyzer

EDX-880, a specialized precious metals tester, is capable of measuring inner walls of the jewelries & other Irregular samples.

**EDX–880**

### 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.

### Standard Configurations:
- Proportional counter
- 50W X-ray tube
- High voltage output 50Kv@1mA
- Leser positioning CCD
- High sensitive signal detection circuit
- Manual lift platform
- Universal sample clamp
- Plasticine
- Collimator with diameter of 1.0mm.

### Features:
- Manual lift platform for measuring samples at different heights
- Multiple sample holding ways (unlversal sample clamp, plasticine, sample plate) for holdlng samples of different shapes
- Top lightening 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.

### Care 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 & 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 capabllity guarantees the safety of the operators
- The measurement can be observed through the transparent cover.

| Model | EDX–880 |
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| **Measurable elements** | Au Ag Pt Pd and etc. |
| **Analysis Range** | 1ppm to 99.9% |
| **Arbltrary optional** | Analysis & identification models |
| | Independent matrix effect correction models |
| | Multi–variable non–linear regression procedure |
| **Repeatabillity** | 0.1% |
| **Stabillity** | ±0.1% |
| **Power Supply** | AC 220V±5V |
| **Measurement Time** | 60–200s |
| **Tube voltage** | 5–50Kv |
| **Tube current** | 50–1000μA |
| **Ambient temperature** | 5°C–30°C |
| **Dimensions** | 450x450x360mm |
| **Weight** | 39kg |
| **Super large sample chamber** | 300x250x160mm |