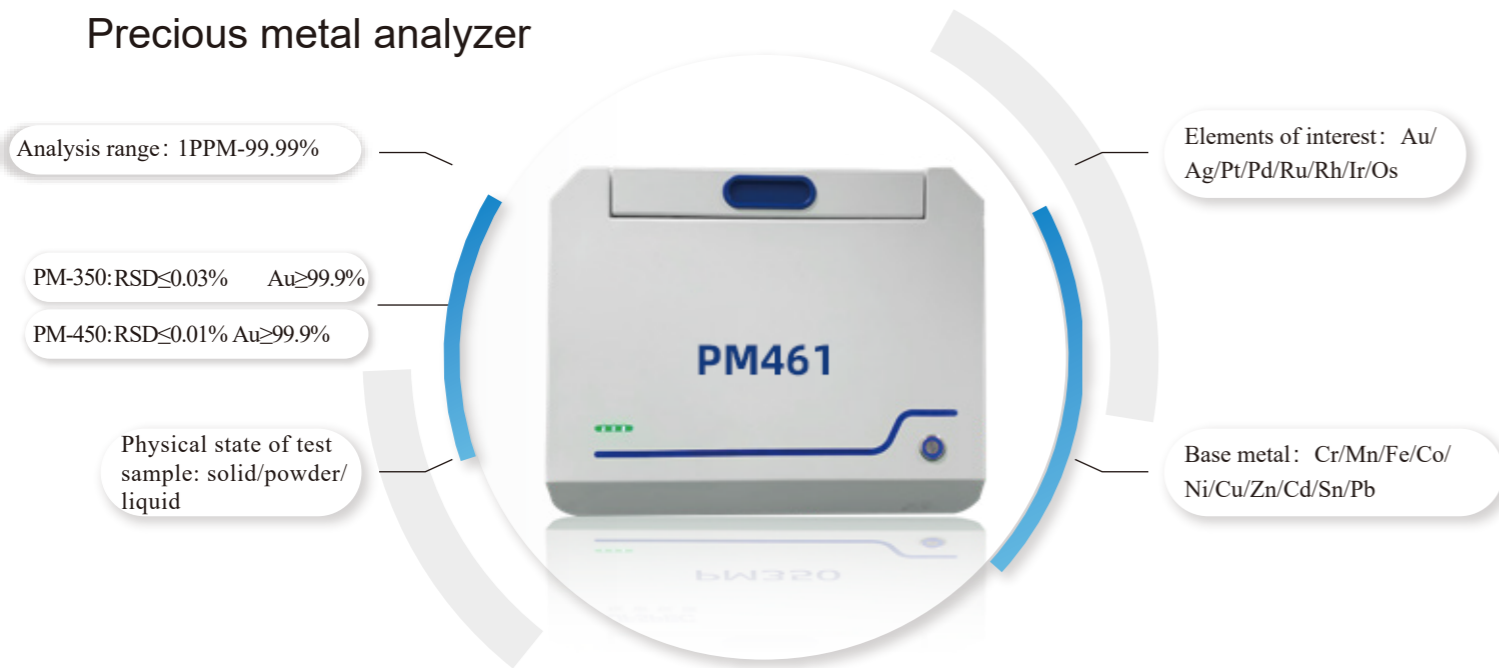


PM-461/561

Precious metal analyzer



Environmental requirements

Ambient temperature: 10-35°C	Relative humidity: 40-70%	Power requirements: AC220V±5V 50/60HZ
FP Qualitative and Quantitative Analysis Software	External dimensions: 414*416*362mm	Weight: 28kg

Technical Parameters

High voltage power supply: 0-50KV
 Light tube voltage: 5-50KV
 Light pipe flow: 0-1000μA
 Filters: A variety of customized switches can be selected
 Resolution: Si-pin 144eV±5/SDD 129eV±5
 Multichannel analyzer: 4096 channel address multichannel analyzer Spec-DPP
 Sample cavity size: 307*268*97mm
 Test time: 30-100s

Application areas

- 01** Jewelry manufacturing
- 02** Quality and Technical Supervision Bureau
- 03** Pawn shop/refining industry
- 04** Cash gold exchange
- 05** Recycling industry
- 06** Retail industry



Application examples

- Test precious metals Au/Pt/Ag/Pd for accurate analysis
- Check gold content in scrap metal
- Identify unknown metals
- Carat grade identification of gold on site: 0-24kt
- Identify impurity materials

Advantages and features

- Easy to use** With one-click operation, you can obtain the analysis results of carat grade and composition.
- Innovative features** Help identify innovative features of gold-plated samples
- Product design** The body structure is compact and strong, and the appearance is beautiful, suitable for placement in showrooms.
- Testing is fast** Detects precise results on the chemical composition and carat grade of the sample in seconds.
- The software function** Uses a PC and software to facilitate the production of test result certificates for samples.
- Lighting system** Users can see the detection position of the sample through the camera and cabin lighting system, improving test confidence.
- Data Download** Test data can be uploaded and downloaded over the Internet, and test results are easy to view and share.
- The safety protection** has an X-ray protection lock, which only emits X-rays in a closed state, ensuring safe and reliable use by customers.