

PM-761

Ultra pure gold gold tester



Environmental requirements

Relative humidity: 35-70%	Power requirement: 110-240VAC 50/60HZ	Working temperature: -5~50°C
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Technical Parameters

Sample form: Powder tableting method, bagging, sample cup rotation analysis, etc. Matrix: Powder, solid, liquid, etc.
 Measurement method: Monochromatic focused X-ray fluorescence spectrometry
 Optical system: Monochromatic focusing system based on HDXRF technology architecture
 Measuring range: Gold/Silver/Platinum/etc.
 Working curve: Liquid, powder, solid, etc.
 Excitation source: X-ray tube/50kV/1mA
 Detector: High performance Fast SDD detector
 Weight: <35kg
 External dimensions: 486*470*380mm
 Sample chamber size: 265*310*80mm
 Measure time: 30~300s

Application areas

Jewelry manufacturing	Quality and Technical Supervision Bureau	Cash gold exchange
Retail industry	Pawn shop/Refining industry	Recycling industry

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.

The instrument repeatedly tests the analytical data of national standard samples

Number	220511119	Gold measuring instrument	220511120	Gold measuring instrument	220511121	
Au	99.9995	99.9997	99.9993	99.9994	99.9996	99.9998
Number	220511122	Gold measuring instrument	220511123	Gold measuring instrument	220511124	
Au	99.9996	99.9996	99.9999	99.9997	99.9994	99.9995