

<b>Product Name :</b> Astra Precious Metals Analyzer	<b>Product Code :</b> ASTRALAB-SUPPLYA17010
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<b>Description :</b>
Astra Precious Metals Analyzer
<b>Technical Specification :</b>
The new precious metals analyzer is unique in measuring the content of precious metals such as gold, silver, platinum, and palladium. Using 25mm2 large area beryllium window detector, it can accurately analyze the content of gold, silver, platinum, palladium, copper, zinc and nickel in gold, platinum and K gold jewelry. The test results are in full compliance with the national standard GB/T 18043-2000 Claim.

Ultra high resolution, world-class:

The world's best SDD silicon drift detector with a resolution of  $139\pm 5$  eV, while a conventional Si-PIN detector with a resolution of  $160\pm 5$  eV can better detect the content of iridium and gold in platinum.

Using 25mm<sup>2</sup> large area beryllium window detector, greatly improving the receiving ability of sample characteristic X fluorescence. With the digital multi-channel analyzer technology, the analysis speed is increased, and the overall processing capacity of the system is improved. The counting rate can reach up to 80,000, which is 5-10 times higher than the Si-PIN 6mm<sup>2</sup> probe, and the accuracy is increased by 2-4 times.

Ultra-clear camera, precise positioning:

Using a new industrial-grade camera, the sample image is clearer and precise positioning can be easily achieved.

Small collimator, easy to realize small parts test:

A variety of collimators are provided, with a minimum diameter of 0.2mm, which can easily achieve precise testing of small parts. At the same time, the collimator can be electrically switched according to the test requirements, making the measurement easier and more accurate.

One-button intelligent operation, eliminating the trouble of selecting curves:

The complete use of FP method can intelligently and automatically match the curve with only one key operation, and the operation is in place in one step.



## Astra Scientific

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