



**Product Code . JL-CE-6163**

## Gold Karat Purity Analyzer

### Description

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#### Gold Karat Purity Analyzer

Only two weighing steps, the purity% of precious metals and gold karat can be tested rapidly and accurately.

No stains and scratches left on your gold after testing, it does not require sulfuric acid solution to test the standard samples.

It can easily judge the alloys with the metallic membrane plating of more than 30 $\mu$ m thickness.

With the special software design, it can directly cycle show the gold karat and gold purity % (including gold-copper- silver, gold-silver, gold-copper).

With the function of high limit and low limit, the wide carat range from 9K to 24K and the data of HI and LO can be set freely.

With the mixture proportion function, it can test other precious metals, such as:- platinum, silver, palladium, copper, rhodium and so on.

It has the RS-232C interface, can easily connect to the PC and Printer.

It adopts design of tank (the maximum dimension of the sample id D100 x W70 x H25 mm for solid measuring).

This can decrease e inaccuracy caused by supporting wire's buoyancy.

Can't test the samples inlaid precious stones and hollow samples.

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It can be used as general balance Model PGB 120 D PGB 300 D PGB 1200 D

Capacity 120 gm. 300 gm. 1200 gm.

Measuring Sample Range 1 gm to 120 gm. 5 gm to 300 gm. 10 gm to 1200 gm

Weighing Accuracy 0.001 gm 0.01 gm 0.01 gm 0.01 gm

Density Resolution 0.01 g / cm<sup>3</sup> Make JLab Setting Can be set temperature and solution.

Compensation Density Display Value Gold Karat, Density, Purity % Gold

Display:- circularly Value Gold Karat & purity % (Gold -Copper-Silver, Gold Silver, Gold -Copper)  
Switches Range of karat value.

It can set the gold karat's high and low limit, like 5K to 24 K Functions.

The mixture proportion functions of two mixtures Mix Density Display Value.

The proportion value, density of main metals.

Proportion Value Can input the different proportion value, such as 24, 100 Setting of high and Low limit.

If shows "Hi" when the value is > upper limit , show "Lo"½ when < lower limit

Setting Can set the density of different mixtures.

Interface RS-232 Schools, Colleges and Industries.

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