

## 貴金屬純度、黃金K數測試儀

### Precious Metal Purity, Gold Karat Tester

#### KBD-1200KN

適用於：珠寶業，銀行，當舖業，黃金及貴金屬研究、貴金屬回收業、實驗室。

Suitable for: Jewelry industry, Bank, Pawn industry, Gold and Precious Metal research lab.

原理：根據阿基米德原理浮力法，準確、快速的讀取黃金（K數）、密度和純度%。

Principle: According to the buoyancy method of Archimedean principle, can show gold karat, density and purity% rapidly and accurately.

型號 Model	KBD-1200KN
最大秤重 The maximum weight	1200g
樣品測定的可能重量 Weighing Range	5-1200g
秤重精度 Weighing precision	0.01g
密度精度 Density precision	0.01 g/cm <sup>3</sup>



功能：

- 可快速、準確地測定貴金屬純度%和黃金K數，只需兩個秤重步驟。
  - 測量之後不會留下任何痕跡和污漬，無需使用硫酸溶液或測試標準樣品。
  - 特殊的軟體設計，可直接迴圈顯示黃金K數(含金銅銀、金銀、金銅)，黃金純度%(含金銅銀、金銀、金銅)。
  - 具上、下限功能，寬廣的K數範圍從9K到24K可自由設定。
  - 具有混合比功能，可測試其他貴金屬。如：白金、銀、鈮、銅、銻...等。
  - 不能測試鑲有寶石、空心的樣品。可當一般天平使用。
  - 採用大水槽設計，降低吊欄線的浮力所造成的誤差。
- ★水槽尺寸為150x100x90mm，並可依據樣品的長度訂做合適的水槽。

Functions:

- Only two weighing steps, karat, density and purity of gold can be showed rapidly and accurately.
- With the mixture proportion function, it can be used for testing density and purity of platinum, silver and other metals.
- With the special software design, it can directly and circularly show the gold karat (including gold-copper-silver, gold-silver, gold-copper), gold purity%(including gold-copper-silver, gold-silver, gold-copper).
- With the function of HI and LO limit, the wide karat range from 9K to 24K and the LO value can be set freely.
- No stains and scratches left on gold after testing, it doesn't need to use the sulfuric acid solution or test the standard samples.
- Pure water or distilled water can be used as testing medium, it is low cost and easily got.
- By adopting the design of big tank, it can decrease the inaccuracy caused by supporting wire's buoyancy.
- Can't test hollow samples and the samples with precious stones; it can be used as general balance.
- Standard size of water tank: 150X100X90mm.
- The water tank length of KBD-1200KN can be customized according to the customers' demand.