

黃金K數&白金純度測試儀 KBD-300KY Precious Metal Purity, Gold Karat Tester

適用於：珠寶業，黃金及貴金屬研究實驗室，珠寶店，銀行，當舖 ..。

Suitable for: Jewelry industry, Gold and Precious metals research lab, Jewelry shop, Bank, Pawn shops .

技術資料：大部分的黃金除了24K(純金)之外，都是和銀、銅的合金。舉例：18K黃金包括18/24(75%)的黃金和6/24(25%)的銅或銀銅或銀的合金。所以18K黃金產品依據他們的比例具有不同的密度值。KBD-300KY可測定黃金的K數和密度值，而不能區別合金金屬的含量。因此黃金K數應該分為三種典型的合金樣本：金銅合金 & 金銀銅合金 & 金銀合金。一般，含銅的合金黃金看起來帶紅色、含銀的合金黃金看起來帶青色，而含銅、銀的合金黃金看起來帶黃色。在含銅、銀的場合，KBD-300KY可直接顯示黃金 (K數) 和密度，依據市場需求，特殊的軟體設計。在黃金 (K數) > 24時顯示“HI”、在黃金 (K數) < 9時顯示“LO”。

Technical data:

Most gold is the alloy of silver and copper excepting 24K (pure gold). For example, 18K gold includes 18/24 (75%) gold and 6/24 (25%) copper, or silver & copper or silver. Therefore 18K gold products have different densities according to their different ratios. KBD-300KY can test the karat and density of gold, but can not distinguish the content of alloy. Thus gold karat should be divided into three typical alloy samples: gold-copper alloy, gold-silver-copper alloy, gold-silver alloy. Generally speaking, gold-copper alloy looks reddish, gold-silver alloy looks bluish and gold-silver-copper alloy looks yellowish.

KBD-300KY can show the gold karat and density directly by testing the gold-silver-copper alloy.

And according to the market demand, by adopting the special design of software, the machine will show “HI” when the gold karat is higher than 24K, and show “LO” when gold karat is lower than 9K.

功能：

- 評價黃金純度和測量其他金屬的密度，測試後您的黃金不會留下污漬和劃痕。
- 只需10秒，測量黃金 (K數) 和密度，鉑 (Pt值)。
- 易於操作，確定貴金屬純度、密度和黃金K數只需2次稱重。只需將樣品放入水中，內部電腦的軟體將自動計算。
- 僅適用於固態金屬件且沒有裝置寶石，可以測試其他貴重金屬的密度，如銀，銅，錫等。
- 依據市場需求，特殊的軟體設計。完成測量之後HI、LO將伴隨著黃金 (K數) 的顯示結果，在黃金 (K數) > 上限時顯示“HI”、在黃金 (K數) < 下限時顯示“LO”。此上下限數值由使用者的需求改變。
- 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150x100x90mm，樣品測試最大尺寸100x70x35mm。

Functions:

- The machine has two modes; one is for testing gold, the other is for testing platinum. Under gold mode, it can show karat, density and purity of gold; Under platinum mode, it can show purity% and density of platinum.
- It can be used for testing density of other precious metals, such as silver, copper, tin and so on. And it also can be used as general weighing balance.
- The operation is simple, only two weighing steps, the testing result can be showed directly.
- Based on the marketing demand, special software was designed. The value of “HI” and “LO” can be set by users freely.
- It will show “HI” when the value is higher than upper limit; and show “LO” when the value is lower than low limit.
- No stains and scratches left on sample after testing.
- It's suitable for testing solid metals without precious stones.
- Standard size of water tank: 150X100X90mm, Sample size can be tested: 100X70X35mm.



型號 Model	KBD-300KY
秤重範圍 Weighing Precision	0.01g~300g
比重精度 Density Precision	0.001 g/cm3
可測量範圍 Sample weight range	5-300g