

High Precision Gold Karat, Purity Tester

NEW

Application:

Gold refining and recycling industry, Bank, Pawn shop, Gold and Precious Metal research lab.

Principle:

According to the buoyancy method of Archimedean principle, gold karat, density and purity% can be showed rapidly and accurately.

TWD-150K



TWD-300K



Specifications:

Model	TWD-150K	TWD-300K
The maximum weight	150g	300g
Weighing range	1-150g	5-300g
Weighing precision	0.001g	0.01g
Density precision	0.01g/cm ³	0.01g/cm ³
Testing objects	Gold, Platinum, Silver and other precious metals	
Value showed	Gold: Karat, Density, Purity Platinum, Silver and other metals: Density, Purity	

Advantages:

- The body is produced integrally by using aluminum alloy, the structure is stable; the unstable screen problem caused by load cell measuring influenced by pressing the key and the damage problem caused by liquid penetrating into circuit board and sensor will not occur.
- The measuring position and sensor are on the same platform, it can improve the defect of the measuring deviation caused by corner load.
- The screen independent design is adopted and the screen is separated from the measuring platform, the problem of the screen damaged by liquid corrosion and adhesion will not occur;
- Standard size of water tank: 150(L)*100(W)*90(H)mm.
- The maximum sample size can be tested: 100(L)*70(W)*35(H)mm.

Key measuring points:

1. Put the sample on the sensor, press 「MEMORY」 key to get the in-air-weight;
2. Use the tweezers picking up the sample, and put it on the measuring tray in water gently, press 「MEMORY」 key to get the in-water-weight;
3. Only two weighing steps, the machine can show gold karat, density and purity directly.