

TOUCH TYPE - TWS-1200K DENSITY TESTER FOR PRECIOUS METAL



Suitable for:

Jewelry industry , Bank , Pawn industry , 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.

Mode:

It has Four functions :

1. Gold purity measuring mode--measuring gold purity.
2. Platinum purity measuring mode--measuring platinum purity.
3. Alloy purity and density measuring mode1--measuring the other precious metal purity.
4. Alloy purity and density measuring mode2--measuring the other precious metal purity.

Specification:

Model		TWS-1200K
Max weight		1200g
Weighing Precision		0.01g
Density Precision		0.001g/cm ³
Gold Mode	Karat	1K and 0.1K display (switchable)
	Purity	1% and 0.1% display (switchable)
PT Mode	PT	25PT and 1PT display (switchable)
	Purity	1% and 0.1% display (switchable)
Alloy Mode		1% and 0.1% display (switchable)



Features :

1. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
2. Special software design can directly display gold Karat number and purity% (including gold copper silver, gold silver, gold copper).
3. No trace or contamination will be left after the measurement, no need to use sulfuric acid solution or test standard samples.
4. With alloy purity measurement function, can test other precious metals. For example: platinum, silver, palladium, copper, rhodium ... etc.
5. Cannot test the samples with gems and hollows. Can be used as a general balance.
6. The large tank design is adopted to reduce the error caused by the buoyancy of the hanging rail. The size of the water tank is 174_(Length) × 109_(Width) × 92_(Height) mm.