Precious Metal Purity Density Balance

Application

Jewelry industry, banks, pawn shops, gold and precious metals research laboratories

Test sample

Valuable products such as gold, platinum, palladium, silver, jade, jewelry, ivory, etc.

Purchase Notes

1. This product is suitable for simple measurement of purity, error within 1K;

2. No recognition ability for tungsten, iridium and other products with a constant gold density, which requires man-machine combination;

3. Be familiar with operation and principle to avoid errors in gold collection;

4. You can distinguish between the weight of various jade and the true and false of ancient silve.

5. Can't test samples with gems and hollows. It can be used as a general balance.

Technical Parameters

Model	DX-1200K
Max. capacity	1200g
Weighing Accuracy	0.01g
Density Analysis	$0.001g/cm^3$
Measurement Function	Density value, K value, PT value, purity value
Setting Function	Solution compensation, temperature compensation, mixing ratio setting
Windshield	Fully transparent acrylic windshield, 100% of samples visible
Voltage	AC100-240V-50/60HZ DC 7.5V 600mA
Sink Size	165*115*85mm
Instrument Size	270*310*270mm
Standard accessories	①Host ②Sink ③Measurement stand ④Tweezers ⑤Instructions ⑥ Weights ⑦Dust cover ⑧Power supply

Advantage

1. It can quickly and accurately determine the purity% of precious metals and gold K number;

2. No traces or pollution will be left after the measurement, no need to use sulfuric acid solution or test standard samples.

3. The Brazilian fire gold with coating thickness> 30μm also can be easily judged.

4. Special software design can directly display the gold K number (including gold, copper and silver, gold and silver)

5. Adopt a large water tank design to reduce the error caused by the buoyancy of the hanging rail line.