

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



## Technical Parameters

Model	DX-2000K
Max. capacity	2000g
Weighing Accuracy	0.01g
Density Analysis	0.001g/cm <sup>3</sup>
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	240*200*150mm
Instrument Size	290*310*260mm
Standard accessories	①Host ②Sink ③Measurement stand ④Tweezers ⑤Instructions ⑥Weights 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.