

# Precious Metal Purity Density Balance



DX-300K、DX-600K、DX-1200K



DX-120K



DX-2000K、DX-3000K

## 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-300K	DX-600K	DX-120K	DX-1200K	DX-2000K	DX-3000K
Max. capacity	300g	600g	120g	1200g	2000g	3000g
Weighing Accuracy	0.005g	0.005g	0.001g	0.01g	0.01g	0.01g
Density Analysis	0.001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>	0.0001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>
Measurement Function	Density value, K value, PT value, purity value					
Measurement Type	Density and purity measurement of gold, platinum, palladium, silver, etc.					
Setting Function	Solution compensation, temperature compensation, mixing ratio setting					
Windshield	Fully transparent acrylic windshield, 100% of samples visible				None	
Communication Interface	Standard RS232 communication interface: can be connected to printers, PCs and other peripheral devices					
Voltage	AC100-240V-50/60HZ			DC 7.5V 600mA		
Sink Size	165*115*85mm				240*200*150mm	
Instrument Size	270*310*270mm				290*310*260mm	
Package Size	450*240*460mm					
Gross Weight	7.5kg					
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 > 30 $\mu$ m 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.