

Precious Density Tester

TWS-153K

Matsuhaku Density

Suitable for :

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



Features :

1. With RS-232 & USB interface.
2. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
3. Quick and accurate determination of precious metal purity% and gold K number, just two measurement steps.
4. No trace of contamination will be left after the measurement, no need to use sulfuric acid solution or test standard samples.
5. Special software design can directly display gold Karat number and purity% (including gold copper silver, gold silver, gold copper).
6. With the setting function of the lower limit of Karat value, Karat number can be set freely from 1 to 24K.
7. With the function of setting the lower limit of PT value, PT value can be set freely from 1 to 1000.
8. With alloy purity measurement function, can test other precious metals. For example platinum, silver, palladium, copper, rhodium, etc.
9. Cannot test the samples with gems and hollows. Can be used as a general balance.
10. 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 148 × 100 × 85mm.

Specification

Model : TWS-153K

Max Weight : 150g

Weighing Precision : 0.001g

Density Precision : 0.0001g/cm³

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)

Gold Purity Measuring Mode Result

GOLD	
20.8K	
Percent :	Density:
81.6 %	16.1288

GOLD	
Gold (CS) :	20.8 81.6%
Gold (S) :	18.3 76.7%
Gold (C) :	20.8 83.2%
Density :	16.1288 g/cm ³

Platinum Purity Measuring Mode Result

PT	
925 PT	
Percent :	Density:
92 %	20.192

PT	
PT(Rd) :	920 92.0%
PT(Ru) :	914 91.4%
PT(Co) :	956 95.6%
Density :	20.192 g/cm ³



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM

Precious Density Tester

Matsuhaku Density

Suitable for :

Specially for precious metals, super mall & light size samples like gold sand
(length, width, and height 148*100*85mm)

Max weight : 210g

Purity precision : 100.0% or 100.00%

precious metal purity.

Features :

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



Specification

Model TWS-214K

Max Weight 210g

Weighing Precision 0.0001g

Density Precision 0.0001g/cm³

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)

TWS-214K

Alloy Purity & Density Measuring Mode Result

MIX2	
82.16 %	
Volume:	Density:
6.6105	16.1288

Gold Purity Measuring Mode Result

GOLD	
20.8K	
Percent :	Density:
81.6 %	16.1288

GOLD		
Gold (CS) :	20.8	81.6%
Gold (S) :	18.3	76.7%
Gold (C) :	20.8	83.2%
Density :	16.1288	g/cm³

Platinum Purity Measuring Mode Result

PT	
550 PT	
Percent :	Density:
58.23 %	16.1288

PT		
PT (Rd) :	550	58.23%
PT (Ru) :	500	55.64%
PT (Co) :	750	77.56%
Density :	16.1288	g/cm ³



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM

Precious Density Tester

Matsuhaku Density

TWS-300K / 600K

Features :

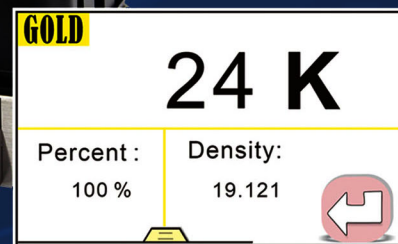
1. Gold Purity measuring mode--measuring gold purity.
2. Platinum purity measuring mode--measuring platinum purity.
3. Alloy purity and density measuring mode 1--measuring the other precious metal purity.
4. Alloy purity and density measuring mode 2--measuring the other precious metal purity.

Suitable for :

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

Specification

Model		TWS-300K	TWS-600K
Max Weight		300g	600g
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)	



1. With RS-232 & USB interface.
2. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
3. Quick and accurate determination of precious metal purity% and gold K number, just two measurement steps.
4. No trace of contamination will be left after the measurement, no need to use sulfuric acid solution or test standard samples.
5. Special software design can directly display gold Karat number and purity% (including gold copper silver, gold silver, gold copper).
6. With the setting function of the lower limit of Karat value, Karat number can be set freely from 1 to 24K.
7. With the function of setting the lower limit of PT value, PT value can be set freely from 1 to 1000.
8. With alloy purity measurement function, can test other precious metals. For example platinum, silver, palladium, copper, rhodium, etc.
9. Cannot test the samples with gems and hollows. Can be used as a general balance.
10. 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 148 × 100 × 85mm.



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM

Precious Density Tester

Matsuhaku Density

TWS-1200K

Suitable for :

Jewelry industry, Bank, Pawn industry, Gold and Precious Metal research lab.

Features :

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



Functions:

1. With RS-232 & USB interface.
2. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
3. Quick and accurate determination of precious metal purity% and gold K number, just two measurement steps.
4. No trace of contamination will be left after the measurement, no need to use sulfuric acid solution or test standard samples.
5. Special software design can directly display gold Karat number and purity% (including gold copper silver, gold silver, gold copper).
6. With the setting function of the lower limit of Karat value, Karat number can be set freely from 1 to 24K.
7. With the function of setting the lower limit of PT value, PT value can be set freely from 1 to 1000.
8. With alloy purity measurement function, can test other precious metals. For example platinum, silver, palladium, copper, rhodium, etc.
9. Cannot test the samples with gems and hollows. Can be used as a general balance.
10. 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 148 × 100 × 85mm.

Gold Purity Measuring Mode Result

GOLD	
20.8 K	
Percent :	Density:
81.6 %	16.128

GOLD	
Gold (CS) :	20.8 81.6%
Gold (S) :	18.3 76.7%
Gold (C) :	20.8 83.2%
Density :	16.128 g/cm ³

Platinum Purity Measuring Mode Result

PT	
925 PT	
Percent :	Density:
92 %	20.192

PT	
PT(Rd) :	920 92.0%
PT(Ru) :	914 91.4%
PT(Co) :	956 95.6%
Density :	20.192 g/cm ³

Model TWS-1200K

Max Weight 1200g

Weighing Precision 0.01g

Density Precision 0.001g/cm³

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)

Specification



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM

Precious Density Tester

Matsuhaku Density

TWS-Large Size K

Suitable for :

Jewelry industry, Bank, Pawn industry, Gold and Precious Metal research lab.

Features :

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



Functions:

1. With RS-232 & USB interface.
2. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
3. Quick and accurate determination of precious metal purity% and gold K number, just two measurement steps.
4. No trace of contamination will be left after the measurement, no need to use sulfuric acid solution or test standard samples.
5. Special software design can directly display gold Karat number and purity% (including gold copper silver, gold silver, gold copper).
6. With the setting function of the lower limit of Karat value, Karat number can be set freely from 1 to 24K.
7. With the function of setting the lower limit of PT value, PT value can be set freely from 1 to 1000.
8. With alloy purity measurement function, can test other precious metals. For example platinum, silver, palladium, copper, rhodium, etc.
9. Cannot test the samples with gems and hollows. Can be used as a general balance.
10. 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 148 × 100 × 85mm.

Gold Purity Measuring Mode Result

GOLD	
20.8 K	
Percent: 81.6 %	Density: 16.128

GOLD	
Gold (CS) :	20.8 81.6%
Gold (S) :	18.3 76.7%
Gold (C) :	20.8 83.2%
Density :	16.128 g/cm ³

Platinum Purity Measuring Mode Result

PT	
925 PT	
Percent: 92 %	Density: 20.192

PT	
PT(Rd) :	920 92.0%
PT(Ru) :	914 91.4%
PT(Co) :	956 95.6%
Density :	20.192 g/cm ³

Specification

Specially for precious metals, general size samples
(length, width, and height 210*170*120mm)

Maximum weight : 1500g/2000g/3000g/6000g

Purity precision : 100% or 100.0%



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM

Precious Density Tester

Matsuhaku Density

TWS-Large Size KL

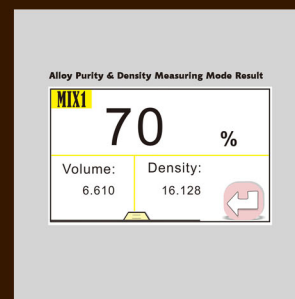
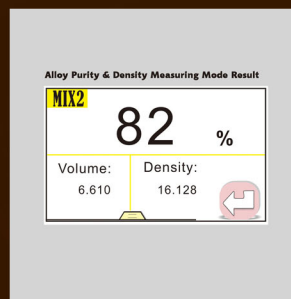
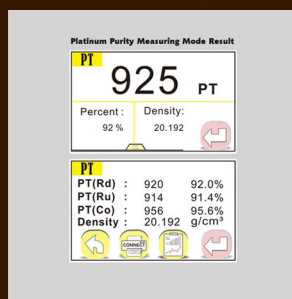
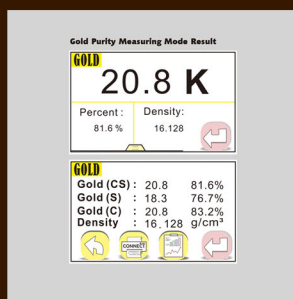
Suitable for :

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



Features :

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



Specification

Model		TWS-2000KL	TWS-3000KL	TWS-6000KL
Max Weight		2000g	3000g	6000g
Weighing Precision		0.01g	0.02g	0.1g
Density Precision		0.001g/cm3		
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)		



LINE : @ITOKIN2000
TEL : 02-9744354-6
EMAIL : SALESITOKIN@GMAIL.COM