



## Analytical Precision Weights

Troemner UltraClass Platinum, UltraClass Gold, and UltraClass and ANSI/ASTM E617 Class 000, 00, 0, 1, 2, 3, 4



## General Information

Troemner Analytical Precision Metric Weights are available in Troemner UltraClass Platinum, UltraClass Gold, and UltraClass and ANSI/ASTM E617 Class 000, 00, 0, 1, 2, 3 and 4. Troemner Analytical Precision Avoirdupois Weights are available in ANSI/ASTM E617 Class 1, 2, 3, and 4. Analytical Precision Weights meet or exceed specifications as defined in the ANSI/ASTM E617 standard.

The weights are manufactured of the finest stainless steels available, including Troemner Alloy 8 Stainless Steel, which is available exclusively through Troemner. This unique material possesses closely controlled density (8.03 g/cm<sup>3</sup>), extremely low magnetic properties, good stability, and resistance to corrosion. Alloy 8 is the finest grade of stainless steel available and is similar to material originally specified in the manufacture of 1 kg state lab primary standards.

Weights are designed so the specifications on surface finish, markings, construction, material density, and magnetic properties become more restrictive as the weight tolerances decrease in order to enable the weight to maintain its tolerance over time. These weights are designed for your most demanding weighing applications.

## Suggested Markets

Suggested Markets for Analytical Precision Weights include, but are not limited to, pharmaceutical, biotech, nanotechnology, life science, forensic and nuclear industries.

## Why UltraClass?

Available exclusively from Troemner, UltraClass weights are the most precise two-piece weights available with weight tolerances that equal or exceed ANSI/ASTM E617 Class 000, 00, and 0 tolerances. Troemner UltraClass weights combine high precision with the advantage of two-piece construction (1 g and larger), avoiding costly replacement issues associated with one-piece weights. To learn more about available weight classes and suggested weight applications, please see the "Selecting Weight Classes" section beginning on page 15.

## Tolerance Classes

ANSI/ASTM E617 classes with small numerical designations represent smaller tolerances. Refer to Troemner's Tolerance Chart on pages 19-20 for specific information on the tolerance of each weight in a given class. Troemner's Tolerance Chart is also available on [www.troemner.com](http://www.troemner.com) for additional reference.

## Construction and General Shape

**Milligram Weights** - Weights 500 mg and below are made of sheet metal and are one-piece construction with one side turned up to make them easy to handle with forceps. Milligram weights are marked with their nominal value with the exception of Class 000, 00, and 0.



**Milligram Wire Weights** - Troemner Precision Weights 500 mg and below are also available in wire construction sheet metal with the shape denoting the nominal value according to the table below. These weights are constructed with one end turned up to allow for easy handling with forceps. To order milligram wire weights, specify the Troemner part number followed by "-wire".



Shape	Denomination
Pentagon	500 mg, 50 mg, 5 mg
Circle	300 mg, 30 mg, 3 mg
Square	200 mg, 20 mg, 2 mg
Triangle	100 mg, 10 mg, 1 mg

**Gram Weights** - Troemner Analytical Precision Weights 1 g and larger consist of a body and a lifting knob. The lifting knob is specifically designed for use with forceps or some other lifting device. Weight bottoms are slightly recessed to expose the smallest possible area to wear. Each weight (except Class 000, 00, and 0 weights) is marked with its nominal value.

Troemner Analytical Precision Weights are available in either one-piece or two-piece construction. One-piece construction indicates the weight is manufactured from a single uniform piece of stainless steel, the weight has no other material added to it, and it has no method of adjustment other than removing material by polishing. Class 000, 00, and 0 weights 1 g and larger are of one-piece construction, Weights 1 g through 20 kg are constructed with Troemner Alloy 8 Stainless Steel, which has a consistent density.

Two-piece construction means the weight is made of multiple pieces of stainless steel. Troemner UltraClass Platinum, UltraClass Gold, UltraClass and ANSI/ASTM Class 1, 2, 3 and 4 weights 1 g and larger are produced from two pieces of material. The body of the weight is the primary piece and the knob of the weight is the secondary piece. The knob has a thread that screws into the body and is tightened. There is a cavity below the knob thread in the body which contains adjusting material, typically the same material from which the weight is made.

Top of weight is marked with nominal value



Tapered neck allows for easy handling by forceps or lifter

Highly polished mirror-like finish allows scratches and foreign matter on the weight to be easily seen

Bottom of weights are recessed to reduce wear

## Surface Finish

All surfaces are polished to a perfect, mirror-like finish and conform to specifications in ANSI/ASTM E617. Surface finish specifications are available on [www.troemner.com](http://www.troemner.com) for additional reference.

## Material Specifications for Troemner UltraClass Platinum, UltraClass Gold, and UltraClass

Weight Range	Base Material	Density
50 kg	316 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
1 g — 20 kg	Troemner Alloy 8	8.03 g/cm <sup>3</sup> at 20° C
5 mg — 500 mg <sup>+</sup>	304 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
3 mg and smaller	3003-H14 Aluminum	2.7 g/cm <sup>3</sup> at 20° C

Weights 1 g and larger are two-piece weights.  
Milligram weights are one-piece weights.

<sup>+</sup>30 mg weights are aluminum

## Material Specifications for Class 000, 00, and 0 Weights

Weight Range	Base Material	Density
50 kg	316 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
1 g — 20 kg	Troemner Alloy 8	8.03 g/cm <sup>3</sup> at 20° C
10 mg — 500 mg <sup>+</sup>	304 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
5 mg and smaller	3003-H14 Aluminum	2.7 g/cm <sup>3</sup> at 20° C

All weights Class 000, 00, and 0 are one-piece weights.

## Material Specifications for Class 1, 2, 3 and 4

Weight Range	Base Material	Density
1 g and larger	316 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
5 mg — 500 mg <sup>+</sup>	304 Stainless Steel	7.95 g/cm <sup>3</sup> at 20° C
3 mg and smaller	3003-H14 Aluminum	2.7 g/cm <sup>3</sup> at 20° C

Weights 1 g and larger are two-piece weights.  
Milligram weights are one-piece weights.

<sup>+</sup>30 mg weights are aluminum



# Metric Analytical Precision Weights

## Weight Sets



### Weight Set Configuration Information

Troemner Analytical Precision Weight Sets are supplied in a 5-2-2-1 series unless a 5-3-2-1 series is specified. 5-2-2-1 series means that weights beginning with a "2" are doubled in each decade and weights beginning with a "5" and "1" are single in each decade. For example, a set with 5-2-2-1 series from 50 g to 1 g includes the following: one 50 g, two 20 g, one 10 g, one 5 g, two 2 g, and one 1 g. A 50 g to 1 g set in a 5-3-2-1 series would contain one 50 g, one 30 g, one 20 g, one 10 g, one 5 g, one 3 g, one 2 g, and one 1 g. If a 5-3-2-1 set is required, please contact a Troemner Sales Representative at [800-249-5554](tel:800-249-5554) or [troemner@troemner.com](mailto:troemner@troemner.com) to discuss your specific needs.

NOTE: The following weight set table shows each weight set in a 5-2-2-1 series.

## Large Metric Sets

Weight sets where the largest weight is 1 kg and above are supplied in a "case within a case." Inside a handcrafted wood case, there is a compartment holding a polycarbonate case containing weights 500 g and below. 1 kg and 2 kg weights are held in their individual polycarbonate weight cases inside a felt-lined cutout. For weights 5 kg and larger, a felt-lined compartment for each weight exists within the wood case (50 kg weights are not supplied in a case, however a case can be purchased separately). There are also compartments for lifters and forceps supplied with each set. Weight sets where the largest weight is 10 kg and above are supplied with a Complete Accessory Kit which includes a microfibre cloth, nylon glove, small and wide brushes, and forceps.



Weight Set	50 kg	30 kg	25 kg	20 kg	10 kg	5 kg	2 kg	1 kg	500 g	200 g	100 g	50 g	20 g	10 g	5 g	2 g	1 g	500 mg	200 mg	100 mg	50 mg	20 mg	10 mg	5 mg	2 mg	1 mg
50 kg — 1 g	1			2	1	1	2	1	1	2	1	1	2	1	1	2	1									
50 kg — 1 mg	1			2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
30 kg — 1 g		1		1	1	1	2	1	1	2	1	1	2	1	1	2	1									
30 kg — 1 mg		1		1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
25 kg — 1 g			1	1	1	1	2	1	1	2	1	1	2	1	1	2	1									
25 kg — 1 mg			1	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
20 kg — 1 g				1	1	1	2	1	1	2	1	1	2	1	1	2	1									
20 kg — 1 mg				1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
10 kg — 1 g					1	1	2	1	1	2	1	1	2	1	1	2	1									
10 kg — 1 mg					1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
5 kg — 1 g						1	2	1	1	2	1	1	2	1	1	2	1									
5 kg — 1 mg						1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
2 kg — 1 g							2	1	1	2	1	1	2	1	1	2	1									
2 kg — 1 mg							2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
2 kg — 1 g								1	1	2	1	1	2	1	1	2	1									
2 kg — 1 mg								1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
1 kg — 1 g									1	2	1	1	2	1	1	2	1									
1 kg — 1 mg									1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1

NOTE: The following weight set table shows each weight set in a 5-2-2-1 series.

## Medium Metric Sets

Weight sets where the largest weight is 500 g and below are supplied in attractive, durable, high quality, **patented** polycarbonate cases with a compartment for each weight within the case. There is also a compartment for a brush, forceps and a USB Flash Drive which contains the electronic certificate. (Weight sets ordered with Traceable Certificate or Statement of Accuracy will not have a USB Flash Drive; a printed certificate will be sent with the weights.) The cases are designed specific to the size and style of the weight so each weight fits snug in its compartment. Custom bumpers rest above each weight to assure weights are held securely in place.



Weight Set	500 g	200 g	100 g	50 g	20 g	10 g	5 g	2 g	1 g	500 mg	200 mg	100 mg	50 mg	20 mg	10 mg	5 mg	2 mg	1 mg
500 g — 1 g	1	2	1	1	2	1	1	2	1									
500 g — 1 mg	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
200 g — 1 g		2	1	1	2	1	1	2	1									
200 g — 1 mg		2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
200 g — 1 g		1	1	1	2	1	1	2	1									
200 g — 1 mg		1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
100 g — 1 g			1	1	2	1	1	2	1									
100 g — 100 mg			1	1	2	1	1	2	1	1	2	1						
100 g — 10 mg			1	1	2	1	1	2	1	1	2	1	1	2	1			
100 g — 5 mg			1	1	2	1	1	2	1	1	2	1	1	2	1	1		
100 g — 1 mg			1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
50 g — 1 g				1	2	1	1	2	1									
50 g — 100 mg				1	2	1	1	2	1	1	2	1						
50 g — 10 mg				1	2	1	1	2	1	1	2	1	1	2	1			
50 g — 5 mg				1	2	1	1	2	1	1	2	1	1	2	1	1		
50 g — 1 mg				1	2	1	1	2	1	1	2	1	1	2	1	1	2	1
20 g — 1 g					1	1	1	2	1									
20 g — 100 mg					1	1	1	2	1	1	2	1						
20 g — 10 mg					1	1	1	2	1	1	2	1	1	2	1			
20 g — 5 mg					1	1	1	2	1	1	2	1	1	2	1	1		
20 g — 1 mg					1	1	1	2	1	1	2	1	1	2	1	1	2	1



NOTE: The following weight set table shows each weight set in a 5-2-2-1 series.

## Small Metric Sets

Weight sets where the largest weight is 5 g and below are supplied in attractive, durable, high quality, **patented** polycarbonate weight cases with a compartment for each weight within the case. There are also compartments for the forceps and brush. Each Milligram Case includes an inner lid that keeps weights clean and secure when in use or during shipping.



Weight Set	5 g	2 g	1 g	500 mg	200 mg	100 mg	50 mg	20 mg	10 mg	5 mg	2 mg	1 mg	0.5 mg	0.2 mg	0.1 mg	0.05 mg
5 g — 10 mg	1	2	1	1	2	1	1	2	1							
5 g — 1 mg	1	2	1	1	2	1	1	2	1	1	2	1				
500 mg — 10 mg				1	2	1	1	2	1							
500 mg — 1 mg				1	2	1	1	2	1	1	2	1				
0.5 mg — 0.05 mg													1	2	1	1







# Metric Analytical Precision Weights

## Individual Weights

### Metric Individual Weights

Individual weights 1 mg through 10 kg are supplied in attractive, durable, high quality, **patented** polycarbonate cases with custom inserts designed specifically for the style and size of the weight. The polycarbonate cases have a locking lid and a custom bumper designed to hold the weight securely in place. Protective cases in either polypropylene or wood are available for weights larger than 10 kg at an additional cost. Optional wood cases are available for weights 1 mg and larger. Wood cases for weights sized 2 kg through 1 mg are designed to hold a weight inside a polycarbonate individual case. This "case-in-a-case" feature guarantees the ultimate protection of your weight.

#### Weight

1000 kg  
500 kg  
300 kg  
200 kg  
100 kg  
50 kg  
30 kg  
25 kg  
20 kg  
10 kg  
5 kg  
3 kg  
2 kg  
1 kg

#### Weight

500 g  
300 g  
200 g  
100 g  
50 g  
30 g  
20 g  
10 g  
5 g  
3 g  
2 g  
1 g

### Metric Individual Milligram Weights

Metric Individual Milligram Weights are available in sheet metal or wire construction. Sheet metal weights are shipped unless "-wire" is indicated at the end of the part number upon ordering.

#### Weight

500 mg  
300 mg  
200 mg  
100 mg  
50 mg  
30 mg  
20 mg  
10 mg

#### Weight

5 mg  
3 mg  
2 mg  
1 mg  
0.5 mg  
0.2 mg  
0.1 mg  
0.05 mg





# Avoirdupois Analytical Precision Weights

## Weight Sets

### Avoirdupois Sets

Troemner Avoirdupois Weight Sets are supplied in a case. A hand crafted wood case holds larger individual weights in felt-lined compartments and an additional compartment holds a polypropylene case to hold smaller weights. There are also compartments for lifters and forceps supplied with each weight set. (Avoirdupois weights are available only in Class 1, 2, 3, or 4 with a NVLAP+ Accredited or Traceable Certificate.)



Weight Set	50 lb	30 lb	25 lb	20 lb	10 lb	5 lb	2 lb	1 lb	8 oz	4 oz	2 oz	1 oz	1/2 oz	1/4 oz	1/8 oz	1/16 oz	1/32 oz	0.5 lb	0.2 lb	0.1 lb	0.05 lb	0.02 lb	0.01 lb	0.005 lb	0.002 lb	0.001 lb	
50 lb — 1/32 oz	1			2	1	1	2	1	1	1	1	1	1	1	1	1	2										
50 lb — 0.001 lb	1			2	1	1	2	1										1	2	1	1	2	1	1	2	1	
30 lb — 1/32 oz		1		1	1	1	2	1	1	1	1	1	1	1	1	1	2										
30 lb — 0.001 lb		1		1	1	1	2	1										1	2	1	1	2	1	1	2	1	
25 lb — 1/32 oz			1	1	1	1	2	1	1	1	1	1	1	1	1	1	2										
25 lb — 0.001 lb			1	1	1	1	2	1										1	2	1	1	2	1	1	2	1	
20 lb — 1/32 oz				1	1	1	2	1	1	1	1	1	1	1	1	1	2										
20 lb — 0.001 lb				1	1	1	2	1										1	2	1	1	2	1	1	2	1	
10 lb — 1/32 oz					1	1	2	1	1	1	1	1	1	1	1	1	2										
10 lb — 0.001 lb					1	1	2	1										1	2	1	1	2	1	1	2	1	
5 lb — 1/32 oz						1	2	1	1	1	1	1	1	1	1	1	2										
5 lb — 0.001 lb						1	2	1										1	2	1	1	2	1	1	2	1	
2 lb — 1/32 oz							1	1	1	1	1	1	1	1	1	1	2										
2 lb — 0.001 lb							1	1										1	2	1	1	2	1	1	2	1	
1 lb — 1/32 oz								1	1	1	1	1	1	1	1	1	2										
1 lb — 0.001 lb								1										1	2	1	1	2	1	1	2	1	
8 oz — 1/32 oz									1	1	1	1	1	1	1	1	2										
0.5 lb — 0.001 lb																		1	2	1	1	2	1	1	2	1	



# Avoirdupois Analytical Precision Weights

## Individual Weights

### Avoirdupois Individual Weights

Troemner Avoirdupois Individual Weights are not supplied in cases. Protective cases in either wood or polypropylene are available at an additional cost. (Avoirdupois weights are available only in Class 1, 2, 3, or 4 with a NVLAP+ Accredited or Traceable Certificate.)

#### Weight

50 lb  
30 lb  
25 lb  
20 lb  
10 lb  
5 lb  
4 lb  
3 lb  
2 lb  
1 lb  
0.5 lb  
0.3 lb  
0.2 lb  
0.1 lb  
0.05 lb  
0.03 lb  
0.02 lb  
0.01 lb  
0.005 lb  
0.003 lb  
0.002 lb  
0.001 lb

#### Weight

8 oz  
4 oz  
2 oz  
1 oz  
1/2 oz  
1/4 oz  
1/8 oz  
1/16 oz  
1/32 oz  
1/64 oz  
0.5 oz  
0.3 oz  
0.2 oz  
0.1 oz  
0.05 oz  
0.03 oz  
0.02 oz  
0.01 oz





# Analytical Precision Weights

## Weight Cases

### Weight Cases

Troemner can provide you with the weight cases you need for proper handling and protection of your Analytical Precision Weights and Weight Sets. Please contact a Troemner Sales Representative at [800-249-5554](tel:800-249-5554) or [troemner@troemner.com](mailto:troemner@troemner.com) for specific information on new cases, replacement cases, or special cases you need to store and protect your weights.

### Polycarbonate Cases for Weight Sets

#### Case holds Weight Sets 500 g and below

Troemner's new **patented** Weight Set Case is constructed of high quality polycarbonate. The case is designed for Analytical Precision Weight Sets where the largest weight is 500 g or below. Case includes an inner lid over the milligram weights that keeps the weights clean and secure when in use and during shipping. This case only holds metric weights with "5-2-2-1" configuration. Avoirdupois weights or any other style of weights are supplied in a custom case. There are also compartments for the forceps and brush (**not included**).

#### Weight

500 g — 1 mg



Dimensions: 8" L x 7" W x 3.5" H  
(20.32 cm x 17.78 cm x 8.89 cm)

### Polycarbonate Cases for Weight Sets

#### Case holds Weight Sets 5 g and below

Troemner weight sets where the largest weight is 5 g and below are supplied in an attractive, durable, high quality, **patented** polycarbonate weight case. Each case includes a compartment for each weight within the case. Case includes an inner lid that keep weights clean and secure when in use and during shipping. There are also compartments for the forceps and brush (**not included**).

#### Weight

500 mg — 1 mg

5 g — 1 mg



Dimensions: 3.5" Dia x 4.5" H  
(8.9 cm x 11.4 cm)

## Wood Cases for Weight Sets

Troemner's Wood Weight Set Cases are manufactured from oak. They hold weight sets where the largest weight is 1 kg or above. Inside the wood case is a compartment holding a polycarbonate set case containing weights 500 g and below. 1 kg and 2 kg weights are held in their individual polycarbonate weight cases inside the felt-lined compartment. For weights 5 kg, 10 kg, and 20 kg, a felt-lined compartment for each weight exists within the wood case (50 kg weights are not supplied in a case, however, a case can be purchased separately).

### Weight

20 kg — 1 mg

10 kg — 1 mg

5 kg — 1 mg

2 kg — 1 mg

200 g — 1 mg

## Heavy-Duty Cases for Weight Sets

Heavy-Duty Cases are tough, lightweight, rugged and designed to protect your weight set under any shipping circumstance. The dent and shatter resistant resin ensures weights are kept safe and secure. Each case is lined in high quality ethafoam with custom cutouts for weights and cases. The case is manufactured with easy press and pull latches and durable soft grip handles.

### Weight

20 kg — 1 mg

10 kg — 1 mg

5 kg — 1 mg

(2) 2 kg — 1 mg

2 kg — 1 mg

1 kg — 1 mg

500 g — 1 mg

\* Weight case includes wheels and a telescoping handle



5 kg through 1 mg case shown  
Dimensions: 16" L x 13" W x 7.5" H  
(40.6 cm x 33.0 cm x 19.1 cm)



2 kg and 1 kg case shown  
Dimensions: 16.2" L x 12.7" W x 6.6" H  
(41.2 cm x 32.3 cm x 16.8 cm)

Visit our website at [www.troemner.com](http://www.troemner.com) for additional case dimensions.

## Aluminum Cases for Weight Sets

Aluminum cases are strong, lightweight, and extremely durable. Each case is lined in high quality ethafoam with custom cutouts for weights or cases. Cases are designed with positive locking latches and each case is equipped with a triple digit combination lock.

Visit our website at [www.troemner.com](http://www.troemner.com) for additional case dimensions.

### Weight

10 kg — 1 mg

5 kg — 1 mg

(2) 2 kg — 1 mg

2 kg — 1 mg

1 kg — 1 mg

500 g — 1 mg



10 kg through 1 mg case shown  
Dimensions: 18" L x 13" W x 8" H  
(45.7 cm x 33.0 cm x 20.3 cm)

## Polycarbonate Cases for Individual Weights

### Case holds weights 10 kg and 5 kg

Troemner's Kilogram Cases are designed to securely hold, protect, and transport your weights sized 10 kg and 5 kg. Each case has a comfortable carrying handle, a recessed grip for removing the lid, side latches for securing the lid in place, and a color-coded insert. Urethane bumpers, both inside the lid and on the bottom of the case, gently hold the weight in place.

### Weight

10 kg

5 kg



Dimensions: 6" Dia. x 10.25" H  
(15.2 cm x 26.0 cm)

## Polycarbonate Cases for Individual Weights

### Case holds weights 2 kg through 1 g

Troemner's **patented** Individual Polycarbonate Cases are designed to securely hold and protect your weights sized 2 kg through 1 g. As the lid is rotated open, the color-coded insert and weight move with the lid. This prevents the urethane bumper from rubbing on the weight, further protecting your weight's calibration.

#### Weight

2 kg
1 kg
500 g
300 g
200 g
100 g
50 g
30 g
20 g
10 g
5 g
3 g
2 g
1 g



Small size holds 200 g through 1 g  
Dimensions: 2" Dia. x 2.5" H  
(5.1 cm x 6.4 cm)

Large size holds 2 kg through 300 g  
Dimensions: 3.5" Dia. x 4.5" H  
(8.9 cm x 11.4 cm)



## Polycarbonate Cases for Individual Weights

### Case holds weights 500 mg through 1 mg

Troemner's **patented** Milligram Cases hold up to seven sheet metal or wire weights sized 500 mg through 1 mg. Each Milligram Case includes an inner lid that keeps weights clean and secure when in use and during shipping.

#### Weight

Up to (7) mg weights



Assembled dimensions: 2" Dia. x 2.5" H  
(5.1 cm x 6.4 cm)

## Polypropylene Cases for Individual Weights

Troemner's Polypropylene Individual Weight Cases are made of high impact plastic. Cases are made with reinforced metal edges and corners. They also have a padded carrying handle to ensure proper handling during transport.

Visit our website at [www.troemner.com](http://www.troemner.com) for additional case dimensions.

#### Weight

50 kg

30 kg

25 kg

20 kg



25 kg case shown  
Dimensions: 8" L x 8" W x 9" H  
(20.3 cm x 20.3 cm x 22.9 cm)

## Wood Cases for Individual Weights

Individual Wood Cases are made of oak construction with a foam insert to protect weights. Wood cases for weights sized 2 kg through 1 mg are designed to hold a weight inside a polycarbonate individual case. This “case-in-a-case” feature guarantees the ultimate protection of your weight.

Visit our website at [www.troemner.com](http://www.troemner.com) for additional case dimensions.

### Weight

50 kg

20 kg

10 kg

5 kg

Holds 2 kg through 500 g weights in a polycarbonate single case within wood case

Holds 200 g through 1 mg weights in a polycarbonate single case within wood case



5 kg case shown  
Dimensions: 7" L x 7" W x 9" H  
(17.8 cm x 17.8 cm x 22.9 cm)

## Heavy-Duty Cases for Individual Weights

Heavy-Duty Cases are tough, lightweight, rugged, and are designed to protect weights under any shipping circumstance. The dent and shatter resistant resin is sure to keep weights safe and secure. Each case is lined in high quality ethafoam with a custom cutout for your weight. The case is manufactured with easy press and pull latches and durable soft grip handles.

Visit our website at [www.troemner.com](http://www.troemner.com) for additional case dimensions.

### Weight

50 kg

20 kg

10 kg

5 kg



10 kg case shown  
Dimensions: 11.8" L x 9.8" W x 7.7" H  
(30.0 cm x 24.9 cm x 19.6 cm)

# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
1 g	1	Statement of Accuracy	01028-19
1 g	1	NVLAP Accredited Certificate	11957-19
1 g	2	Statement of Accuracy	01025-81
1 g	2	NVLAP Accredited Certificate	01025-82
1 g	3	Statement of Accuracy	01025-83
1 g	3	NVLAP Accredited Certificate	01025-84
1 g	4	Statement of Accuracy	01025-19
1 g	4	NVLAP Accredited Certificate	01029-19
1 g	UltraClass	Statement of Accuracy	01026-17
1 g	UltraClass	NVLAP Accredited Certificate	01027-17
1 g	UltraClass Gold	Statement of Accuracy	01020-52
1 g	UltraClass Gold	NVLAP Accredited Certificate	01020-73
1 g	UltraClass Platinum	Statement of Accuracy	01020-10
1 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-31
1 kg	1	Statement of Accuracy	01021-19
1 kg	1	NVLAP Accredited Certificate	01021-30
1 kg	1	Statement of Accuracy	01021-19
1 kg	1	NVLAP Accredited Certificate	01021-31
1 kg	2	Statement of Accuracy	01024-66
1 kg	2	NVLAP Accredited Certificate	01024-67
1 kg	3	Statement of Accuracy	01024-68
1 kg	3	NVLAP Accredited Certificate	01024-69
1 kg	4	Statement of Accuracy	01021-42
1 kg	4	NVLAP Accredited Certificate	01021-54
1 kg	UltraClass	Statement of Accuracy	01020-94
1 kg	UltraClass	NVLAP Accredited Certificate	01021-07
1 kg	UltraClass Gold	Statement of Accuracy	01020-61
1 kg	UltraClass Gold	NVLAP Accredited Certificate	01020-82
1 kg	UltraClass Platinum	Statement of Accuracy	01020-19
1 kg	UltraClass Platinum	NVLAP Accredited Certificate	01020-40
1 mg	1	Statement of Accuracy	01021-10
1 mg	1	NVLAP Accredited Certificate	01021-22
1 mg	2	Statement of Accuracy	01026-46
1 mg	2	NVLAP Accredited Certificate	01026-48
1 mg	3	Statement of Accuracy	01026-54
1 mg	3	NVLAP Accredited Certificate	01026-56
1 mg	4	Statement of Accuracy	01021-33
1 mg	4	NVLAP Accredited Certificate	01021-45
1 mg	UltraClass	Statement of Accuracy	01020-85
1 mg	UltraClass	NVLAP Accredited Certificate	01020-97
1 mg	UltraClass Gold	Statement of Accuracy	01020-43
1 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-64
1 mg	UltraClass Platinum	Statement of Accuracy	01020-01
1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-22
10 g	1	Statement of Accuracy	01028-25
10 g	1	NVLAP Accredited Certificate	11957-26
10 g	2	Statement of Accuracy	01025-46
10 g	2	NVLAP Accredited Certificate	01025-54
10 g	3	Statement of Accuracy	01025-58
10 g	3	NVLAP Accredited Certificate	01025-65
10 g	4	Statement of Accuracy	01025-26
10 g	4	NVLAP Accredited Certificate	01029-25
10 g	UltraClass	Statement of Accuracy	01026-11
10 g	UltraClass	NVLAP Accredited Certificate	01027-11

# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
10 g	UltraClass Gold	Statement of Accuracy	01020-55
10 g	UltraClass Gold	NVLAP Accredited Certificate	01020-76
10 g	UltraClass Platinum	Statement of Accuracy	01020-13
10 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-34
10 kg	1	NVLAP Accredited Certificate	01023-37
10 kg	4	NVLAP Accredited Certificate	01023-36
10 mg	1	Statement of Accuracy	01021-13
10 mg	1	NVLAP Accredited Certificate	01021-25
10 mg	2	Statement of Accuracy	01026-08
10 mg	2	NVLAP Accredited Certificate	01026-09
10 mg	3	Statement of Accuracy	01026-14
10 mg	3	NVLAP Accredited Certificate	01026-16
10 mg	4	Statement of Accuracy	01021-36
10 mg	4	NVLAP Accredited Certificate	01021-48
10 mg	UltraClass	Statement of Accuracy	01020-88
10 mg	UltraClass	NVLAP Accredited Certificate	01021-01
10 mg	UltraClass Gold	Statement of Accuracy	01020-46
10 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-67
10 mg	UltraClass Platinum	Statement of Accuracy	01020-04
10 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-25
100 g	1	Statement of Accuracy	01028-31
100 g	1	NVLAP Accredited Certificate	11957-31
100 g	2	Statement of Accuracy	01024-91
100 g	2	NVLAP Accredited Certificate	01025-02
100 g	3	Statement of Accuracy	01025-06
100 g	3	NVLAP Accredited Certificate	01025-08
100 g	4	Statement of Accuracy	01025-31
100 g	4	NVLAP Accredited Certificate	01029-31
100 g	UltraClass	Statement of Accuracy	01026-41
100 g	UltraClass	NVLAP Accredited Certificate	01027-41
100 g	UltraClass Gold	Statement of Accuracy	01020-58
100 g	UltraClass Gold	NVLAP Accredited Certificate	01020-79
100 g	UltraClass Platinum	Statement of Accuracy	01020-16
100 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-37
100 mg	1	Statement of Accuracy	01021-16
100 mg	1	NVLAP Accredited Certificate	01021-27
100 mg	2	Statement of Accuracy	01025-96
100 mg	2	NVLAP Accredited Certificate	01025-97
100 mg	3	Statement of Accuracy	01025-98
100 mg	3	NVLAP Accredited Certificate	01025-99
100 mg	4	Statement of Accuracy	01021-39
100 mg	4	NVLAP Accredited Certificate	01021-51
100 mg	UltraClass	Statement of Accuracy	01020-91
100 mg	UltraClass	NVLAP Accredited Certificate	01021-04
100 mg	UltraClass Gold	Statement of Accuracy	01020-49
100 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-70
100 mg	UltraClass Platinum	Statement of Accuracy	01020-07
100 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-28
2 g	1	Statement of Accuracy	01028-21
2 g	1	NVLAP Accredited Certificate	11957-21
2 g	2	Statement of Accuracy	01025-77
2 g	2	NVLAP Accredited Certificate	01025-78
2 g	3	Statement of Accuracy	01025-79
2 g	3	NVLAP Accredited Certificate	01025-80

# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
2 g	4	Statement of Accuracy	01025-21
2 g	4	NVLAP Accredited Certificate	01029-21
2 g	UltraClass	Statement of Accuracy	01026-15
2 g	UltraClass	NVLAP Accredited Certificate	01027-15
2 g	UltraClass Gold	Statement of Accuracy	01020-53
2 g	UltraClass Gold	NVLAP Accredited Certificate	01020-74
2 g	UltraClass Platinum	Statement of Accuracy	01020-11
2 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-32
2 kg	1	Statement of Accuracy	01021-20
2 kg	1	NVLAP Accredited Certificate	01021-31
2 kg	2	Statement of Accuracy	01024-59
2 kg	2	NVLAP Accredited Certificate	01024-61
2 kg	3	Statement of Accuracy	01024-63
2 kg	3	NVLAP Accredited Certificate	01023-33
2 kg	3	NVLAP Accredited Certificate	01024-64
2 kg	4	Statement of Accuracy	01021-43
2 kg	4	NVLAP Accredited Certificate	01021-55
2 kg	UltraClass	Statement of Accuracy	01020-95
2 kg	UltraClass	NVLAP Accredited Certificate	01021-08
2 kg	UltraClass Gold	Statement of Accuracy	01020-62
2 kg	UltraClass Gold	NVLAP Accredited Certificate	01020-83
2 kg	UltraClass Platinum	Statement of Accuracy	01020-20
2 kg	UltraClass Platinum	NVLAP Accredited Certificate	01020-41
2 mg	1	Statement of Accuracy	01021-11
2 mg	1	NVLAP Accredited Certificate	01021-23
2 mg	2	Statement of Accuracy	01026-34
2 mg	2	NVLAP Accredited Certificate	01026-36
2 mg	3	Statement of Accuracy	01026-38
2 mg	3	NVLAP Accredited Certificate	01026-44
2 mg	4	Statement of Accuracy	01021-34
2 mg	4	NVLAP Accredited Certificate	01021-46
2 mg	UltraClass	Statement of Accuracy	01020-86
2 mg	UltraClass	NVLAP Accredited Certificate	01020-98
2 mg	UltraClass Gold	Statement of Accuracy	01020-44
2 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-65
2 mg	UltraClass Platinum	Statement of Accuracy	01020-02
2 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-23
20 g	1	Statement of Accuracy	01028-27
20 g	1	NVLAP Accredited Certificate	11957-27
20 g	2	Statement of Accuracy	01025-24
20 g	2	NVLAP Accredited Certificate	01025-34
20 g	3	Statement of Accuracy	01025-38
20 g	3	NVLAP Accredited Certificate	01025-42
20 g	4	Statement of Accuracy	01025-28
20 g	4	NVLAP Accredited Certificate	01029-27
20 g	UltraClass	Statement of Accuracy	01026-37
20 g	UltraClass	NVLAP Accredited Certificate	01027-37
20 g	UltraClass Gold	Statement of Accuracy	01020-56
20 g	UltraClass Gold	NVLAP Accredited Certificate	01020-77
20 g	UltraClass Platinum	Statement of Accuracy	01020-14
20 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-35
20 kg	1	NVLAP Accredited Certificate	01023-39
20 kg	4	NVLAP Accredited Certificate	01023-38
20 mg	1	Statement of Accuracy	01021-14

# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
20 mg	1	NVLAP Accredited Certificate	01021-25
20 mg	2	Statement of Accuracy	01026-04
20 mg	2	NVLAP Accredited Certificate	01026-05
20 mg	3	Statement of Accuracy	01026-06
20 mg	3	NVLAP Accredited Certificate	01026-07
20 mg	4	Statement of Accuracy	01021-37
20 mg	4	NVLAP Accredited Certificate	01021-49
20 mg	UltraClass	Statement of Accuracy	01020-89
20 mg	UltraClass	NVLAP Accredited Certificate	01021-02
20 mg	UltraClass Gold	Statement of Accuracy	01020-47
20 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-68
20 mg	UltraClass Platinum	Statement of Accuracy	01020-05
20 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-26
200 g	1	Statement of Accuracy	01028-33
200 g	1	NVLAP Accredited Certificate	11957-33
200 g	2	Statement of Accuracy	01024-83
200 g	2	NVLAP Accredited Certificate	01024-85
200 g	3	Statement of Accuracy	01024-87
200 g	3	NVLAP Accredited Certificate	01024-89
200 g	4	Statement of Accuracy	01025-33
200 g	4	NVLAP Accredited Certificate	01029-33
200 g	UltraClass	Statement of Accuracy	01026-43
200 g	UltraClass	NVLAP Accredited Certificate	01027-43
200 g	UltraClass Gold	Statement of Accuracy	01020-59
200 g	UltraClass Gold	NVLAP Accredited Certificate	01020-80
200 g	UltraClass Platinum	Statement of Accuracy	01020-17
200 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-38
200 mg	1	Statement of Accuracy	01021-17
200 mg	1	NVLAP Accredited Certificate	01021-28
200 mg	2	Statement of Accuracy	01025-91
200 mg	2	NVLAP Accredited Certificate	01025-92
200 mg	3	Statement of Accuracy	01025-93
200 mg	3	NVLAP Accredited Certificate	01025-94
200 mg	4	Statement of Accuracy	01021-40
200 mg	4	NVLAP Accredited Certificate	01021-52
200 mg	UltraClass	Statement of Accuracy	01020-92
200 mg	UltraClass	NVLAP Accredited Certificate	01021-05
200 mg	UltraClass Gold	Statement of Accuracy	01020-50
200 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-71
200 mg	UltraClass Platinum	Statement of Accuracy	01020-08
200 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-29
3 kg	4	Statement of Accuracy	01023-34
3 kg	4	NVLAP Accredited Certificate	01023-34
30 kg	4	NVLAP Accredited Certificate	01023-40
30 kg	4	NVLAP Accredited Certificate	01023-40
5 g	1	Statement of Accuracy	01028-23
5 g	1	NVLAP Accredited Certificate	11957-23
5 g	2	Statement of Accuracy	01025-67
5 g	2	NVLAP Accredited Certificate	01025-69
5 g	3	Statement of Accuracy	01025-71
5 g	3	NVLAP Accredited Certificate	01025-73
5 g	4	Statement of Accuracy	01025-23
5 g	4	NVLAP Accredited Certificate	01029-23
5 g	UltraClass	Statement of Accuracy	01026-13



# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
5 g	UltraClass	NVLAP Accredited Certificate	01027-13
5 g	UltraClass Gold	Statement of Accuracy	01020-54
5 g	UltraClass Gold	NVLAP Accredited Certificate	01020-75
5 g	UltraClass Platinum	Statement of Accuracy	01020-12
5 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-33
5 kg	1	Statement of Accuracy	01021-21
5 kg	1	NVLAP Accredited Certificate	01021-32
5 kg	2	Statement of Accuracy	01024-55
5 kg	2	NVLAP Accredited Certificate	01024-56
5 kg	3	Statement of Accuracy	01024-57
5 kg	3	NVLAP Accredited Certificate	01024-58
5 kg	4	Statement of Accuracy	01021-44
5 kg	4	NVLAP Accredited Certificate	01021-56
5 kg	UltraClass	Statement of Accuracy	01020-96
5 kg	UltraClass	NVLAP Accredited Certificate	01021-09
5 kg	UltraClass Gold	Statement of Accuracy	01020-63
5 kg	UltraClass Gold	NVLAP Accredited Certificate	01020-84
5 kg	UltraClass Platinum	Statement of Accuracy	01020-21
5 kg	UltraClass Platinum	NVLAP Accredited Certificate	01020-42
5 mg	1	Statement of Accuracy	01021-12
5 mg	1	NVLAP Accredited Certificate	01021-24
5 mg	2	Statement of Accuracy	01026-18
5 mg	2	NVLAP Accredited Certificate	01026-24
5 mg	3	Statement of Accuracy	01026-26
5 mg	3	NVLAP Accredited Certificate	01026-28
5 mg	4	Statement of Accuracy	01021-35
5 mg	4	NVLAP Accredited Certificate	01021-47
5 mg	UltraClass	Statement of Accuracy	01020-87
5 mg	UltraClass	NVLAP Accredited Certificate	01020-99
5 mg	UltraClass Gold	Statement of Accuracy	01020-45
5 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-66
5 mg	UltraClass Platinum	Statement of Accuracy	01020-03
5 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-24
5 mg	UltraClass Platinum	Statement of Accuracy	01020-03
5 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-24
50 g	1	Statement of Accuracy	01028-29
50 g	1	NVLAP Accredited Certificate	11957-29
50 g	2	Statement of Accuracy	01025-12
50 g	2	NVLAP Accredited Certificate	01025-16
50 g	3	Statement of Accuracy	01025-18
50 g	3	NVLAP Accredited Certificate	01025-22
50 g	4	Statement of Accuracy	01025-29
50 g	4	NVLAP Accredited Certificate	01029-29
50 g	UltraClass	Statement of Accuracy	01026-39
50 g	UltraClass	NVLAP Accredited Certificate	01027-39
50 g	UltraClass Gold	Statement of Accuracy	01020-57
50 g	UltraClass Gold	NVLAP Accredited Certificate	01020-78
50 g	UltraClass Platinum	Statement of Accuracy	01020-15
50 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-36
50 kg	1	NVLAP Accredited Certificate	01023-42
50 kg	4	NVLAP Accredited Certificate	01023-41
50 mg	1	Statement of Accuracy	01021-15
50 mg	1	NVLAP Accredited Certificate	01021-26
50 mg	2	Statement of Accuracy	01026-00



# Metric Analytical Precision Weights

## Individual Weights

Weight	Class	Certificate Type	Part Number
50 mg	2	NVLAP Accredited Certificate	01026-01
50 mg	3	Statement of Accuracy	01026-02
50 mg	3	NVLAP Accredited Certificate	01026-03
50 mg	4	Statement of Accuracy	01021-38
50 mg	4	NVLAP Accredited Certificate	01021-50
50 mg	UltraClass	Statement of Accuracy	01020-90
50 mg	UltraClass	NVLAP Accredited Certificate	01021-03
50 mg	UltraClass Gold	Statement of Accuracy	01020-48
50 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-69
50 mg	UltraClass Platinum	Statement of Accuracy	01020-06
50 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-27
500 g	1	Statement of Accuracy	01028-35
500 g	1	NVLAP Accredited Certificate	11957-34
500 g	2	Statement of Accuracy	01024-71
500 g	2	NVLAP Accredited Certificate	01024-73
500 g	3	Statement of Accuracy	01024-78
500 g	3	NVLAP Accredited Certificate	01024-81
500 g	4	Statement of Accuracy	01025-36
500 g	4	NVLAP Accredited Certificate	01029-35
500 g	UltraClass	Statement of Accuracy	01026-45
500 g	UltraClass	NVLAP Accredited Certificate	01027-45
500 g	UltraClass Gold	Statement of Accuracy	01020-60
500 g	UltraClass Gold	NVLAP Accredited Certificate	01020-81
500 g	UltraClass Platinum	Statement of Accuracy	01020-18
500 g	UltraClass Platinum	NVLAP Accredited Certificate	01020-39
500 mg	1	Statement of Accuracy	01021-18
500 mg	1	NVLAP Accredited Certificate	01021-29
500 mg	2	Statement of Accuracy	01025-86
500 mg	2	NVLAP Accredited Certificate	01025-87
500 mg	3	Statement of Accuracy	01025-88
500 mg	3	NVLAP Accredited Certificate	01025-89
500 mg	4	Statement of Accuracy	01021-41
500 mg	4	NVLAP Accredited Certificate	01021-53
500 mg	UltraClass	Statement of Accuracy	01020-93
500 mg	UltraClass	NVLAP Accredited Certificate	01021-06
500 mg	UltraClass Gold	Statement of Accuracy	01020-51
500 mg	UltraClass Gold	NVLAP Accredited Certificate	01020-72
500 mg	UltraClass Platinum	Statement of Accuracy	01020-09
500 mg	UltraClass Platinum	NVLAP Accredited Certificate	01020-30

# Metric Analytical Precision Weights Weight Sets

<b>Weight</b>	<b>Class</b>	<b>Certificate Type</b>	<b>Part Number</b>
2 kg-1 g	UltraClass	Statement of Accuracy	01022-77
2 kg-1 g	UltraClass	NVLAP Accredited Certificate	01022-82
2 kg-1 g	1	Statement of Accuracy	01023-32
2 kg-1 g	1	NVLAP Accredited Certificate	01023-31
2 kg-1 g	2	Statement of Accuracy	01026-58
2 kg-1 g	2	NVLAP Accredited Certificate	01026-60
2 kg-1 g	3	Statement of Accuracy	01026-62
2 kg-1 g	3	NVLAP Accredited Certificate	01026-64
2 kg-1 g	4	Statement of Accuracy	01023-29
2 kg-1 g	4	NVLAP Accredited Certificate	01023-28
2 kg-1 g	UltraClass	Statement of Accuracy	01022-77
2 kg-1 g	UltraClass	NVLAP Accredited Certificate	01022-82
2 kg-1 g	UltraClass Gold	Statement of Accuracy	01022-60
2 kg-1 g	UltraClass Gold	NVLAP Accredited Certificate	01022-72
2 kg-1 g	UltraClass Platinum	Statement of Accuracy	01022-38
2 kg-1 g	UltraClass Platinum	NVLAP Accredited Certificate	01022-49
1 kg-1 mg	UltraClass	Statement of Accuracy	01022-74
1 kg-1 mg	UltraClass	NVLAP Accredited Certificate	01022-79
1 kg-1 mg	1	Statement of Accuracy	01022-84
1 kg-1 mg	1	NVLAP Accredited Certificate	01023-27
1 kg-1 mg	2	Statement of Accuracy	01026-66
1 kg-1 mg	2	NVLAP Accredited Certificate	01026-68
1 kg-1 mg	3	Statement of Accuracy	01026-70
1 kg-1 mg	3	NVLAP Accredited Certificate	01026-72
1 kg-1 mg	4	Statement of Accuracy	01023-26
1 kg-1 mg	4	NVLAP Accredited Certificate	01023-24
1 kg-1 mg	UltraClass	Statement of Accuracy	01022-74
1 kg-1 mg	UltraClass	NVLAP Accredited Certificate	01022-79
1 kg-1 mg	UltraClass Gold	Statement of Accuracy	01022-57
1 kg-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-68
1 kg-1 mg	UltraClass Platinum	Statement of Accuracy	01022-35
1 kg-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-46
500 g-1 g	1	Statement of Accuracy	01023-23
500 g-1 g	4	Statement of Accuracy	01023-22
500 g-1 mg	UltraClass	Statement of Accuracy	01026-59
500 g-1 mg	UltraClass	NVLAP Accredited Certificate	01027-59
500 g-1 mg	1	Statement of Accuracy	01028-49
500 g-1 mg	1	NVLAP Accredited Certificate	11957-49
500 g-1 mg	2	Statement of Accuracy	01026-74
500 g-1 mg	2	NVLAP Accredited Certificate	01026-76
500 g-1 mg	3	Statement of Accuracy	01026-78
500 g-1 mg	3	NVLAP Accredited Certificate	01026-79
500 g-1 mg	4	Statement of Accuracy	01025-49
500 g-1 mg	4	NVLAP Accredited Certificate	01029-49
500 g-1 mg	UltraClass Gold	Statement of Accuracy	01022-56
500 g-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-67
500 g-1 mg	UltraClass Platinum	Statement of Accuracy	01022-34
500 g-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-45
(2) 200 g-1 mg	UltraClass	Statement of Accuracy	01026-61
(2) 200 g-1 mg	UltraClass	NVLAP Accredited Certificate	01027-61
(2) 200 g-1 mg	1	Statement of Accuracy	01028-51
(2) 200 g-1 mg	1	NVLAP Accredited Certificate	11957-51
(2) 200 g-1 mg	2	Statement of Accuracy	01026-81
(2) 200 g-1 mg	2	NVLAP Accredited Certificate	01026-82

# Metric Analytical Precision Weights

## Weight Sets

Weight	Class	Certificate Type	Part Number
(2) 200 g-1 mg	3	Statement of Accuracy	01026-83
(2) 200 g-1 mg	3	NVLAP Accredited Certificate	01026-84
(2) 200 g-1 mg	4	Statement of Accuracy	01025-52
(2) 200 g-1 mg	4	NVLAP Accredited Certificate	01029-51
(2) 200 g-1 mg	UltraClass Gold	Statement of Accuracy	01022-55
(2) 200 g-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-66
(2) 200 g-1 mg	UltraClass Platinum	Statement of Accuracy	01022-33
(2) 200 g-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-44
200 g-1 mg	UltraClass	Statement of Accuracy	01026-63
200 g-1 mg	UltraClass	NVLAP Accredited Certificate	01027-63
200 g-1 mg	1	Statement of Accuracy	01028-53
200 g-1 mg	1	NVLAP Accredited Certificate	11957-53
200 g-1 mg	2	Statement of Accuracy	01026-86
200 g-1 mg	2	NVLAP Accredited Certificate	01026-87
200 g-1 mg	3	Statement of Accuracy	01026-88
200 g-1 mg	3	NVLAP Accredited Certificate	01026-89
200 g-1 mg	4	Statement of Accuracy	01025-53
200 g-1 mg	4	NVLAP Accredited Certificate	01029-53
200 g-1 mg	UltraClass Gold	Statement of Accuracy	01022-54
200 g-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-64
200 g-1 mg	UltraClass Platinum	Statement of Accuracy	01022-32
200 g-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-43
100 g-1 g	UltraClass	Statement of Accuracy	01026-65
100 g-1 g	UltraClass	NVLAP Accredited Certificate	01027-65
100 g-1 g	1	Statement of Accuracy	01026-75
100 g-1 g	1	NVLAP Accredited Certificate	11957-75
100 g-1 g	4	Statement of Accuracy	01025-85
100 g-1 g	4	Traceable Certificate	01023-21
100 g-1 g	4	NVLAP Accredited Certificate	01029-55
100 g-1 g	UltraClass Gold	Statement of Accuracy	01022-52
100 g-1 g	UltraClass Gold	NVLAP Accredited Certificate	01022-62
100 g-1 g	UltraClass Platinum	Statement of Accuracy	01022-29
100 g-1 g	UltraClass Platinum	NVLAP Accredited Certificate	01022-41
100 g-10 mg	UltraClass	Statement of Accuracy	01026-67
100 g-10 mg	UltraClass	NVLAP Accredited Certificate	01027-67
100 g-10 mg	1	Statement of Accuracy	01026-80
100 g-10 mg	1	Statement of Accuracy	01022-85
100 g-10 mg	1	NVLAP Accredited Certificate	11957-80
100 g-10 mg	2	Statement of Accuracy	01026-90
100 g-10 mg	2	NVLAP Accredited Certificate	01026-91
100 g-10 mg	3	Statement of Accuracy	01026-92
100 g-10 mg	3	NVLAP Accredited Certificate	01026-93
100 g-10 mg	4	Statement of Accuracy	01025-90
100 g-10 mg	4	Traceable Certificate	01023-19
100 g-10 mg	4	NVLAP Accredited Certificate	01029-57
100 g-10 mg	UltraClass Gold	Statement of Accuracy	01022-53
100 g-10 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-63
100 g-10 mg	UltraClass Platinum	Statement of Accuracy	01022-31
100 g-10 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-42
100 g-1 mg	1	NVLAP Accredited Certificate	01023-18
100 g-1 mg	2	Statement of Accuracy	01026-94
100 g-1 mg	2	NVLAP Accredited Certificate	01026-95
100 g-1 mg	3	Statement of Accuracy	01026-96
100 g-1 mg	3	NVLAP Accredited Certificate	01026-97

# Metric Analytical Precision Weights Weight Sets

<b>Weight</b>	<b>Class</b>	<b>Certificate Type</b>	<b>Part Number</b>
100 g-1 mg	4	Traceable Certificate	01023-17
100 g-1 mg	UltraClass Gold	Statement of Accuracy	01026-98
100 g-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01026-99
100 g-1 mg	UltraClass Platinum	Statement of Accuracy	01027-00
100 g-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01027-01
50 g-1 g	UltraClass	Statement of Accuracy	01022-76
50 g-1 g	UltraClass	NVLAP Accredited Certificate	01022-81
50 g-1 g	1	Statement of Accuracy	01023-16
50 g-1 g	1	NVLAP Accredited Certificate	01023-14
50 g-1 g	4	Statement of Accuracy	01023-13
50 g-1 g	4	Traceable Certificate	01023-12
50 g-1 g	4	NVLAP Accredited Certificate	01023-11
50 g-1 g	UltraClass Gold	Statement of Accuracy	01022-59
50 g-1 g	UltraClass Gold	NVLAP Accredited Certificate	01022-71
50 g-1 g	UltraClass Platinum	Statement of Accuracy	01022-37
50 g-1 g	UltraClass Platinum	NVLAP Accredited Certificate	01022-48
50 g-10 mg	UltraClass	Statement of Accuracy	01022-75
50 g-10 mg	UltraClass	NVLAP Accredited Certificate	01022-80
50 g-10 mg	1	NVLAP Accredited Certificate	01023-09
50 g-10 mg	4	Statement of Accuracy	01023-08
50 g-10 mg	4	Traceable Certificate	01023-07
50 g-10 mg	4	NVLAP Accredited Certificate	01023-06
50 g-10 mg	UltraClass Gold	Statement of Accuracy	01022-58
50 g-10 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-69
50 g-10 mg	UltraClass Platinum	Statement of Accuracy	01022-36
50 g-10 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-47
50 g-1 mg	1	NVLAP Accredited Certificate	01023-04
50 g-1 mg	4	Traceable Certificate	01022-99
500 mg-1 mg	UltraClass	Statement of Accuracy	01022-73
500 mg-1 mg	UltraClass	NVLAP Accredited Certificate	01022-78
500 mg-1 mg	1	Statement of Accuracy	01022-83
500 mg-1 mg	4	Statement of Accuracy	01022-98
500 mg-1 mg	UltraClass Gold	Statement of Accuracy	01022-51
500 mg-1 mg	UltraClass Gold	NVLAP Accredited Certificate	01022-61
500 mg-1 mg	UltraClass Platinum	Statement of Accuracy	01022-28
500 mg-1 mg	UltraClass Platinum	NVLAP Accredited Certificate	01022-39