

# OIML

## Mass Reference Standards

### Applications:

Density measurement  
Tolerance checking  
Mass standards  
OIML guidelines for balance  
and scale verification

### Designs Available:

Type I (one piece) for Class E1, E2  
Type I (with sealing cavity) for Class F1, F2, M1, M2

### Product Configuration:

Single weight  
Single weight kit: weight, case or vial, and glove  
Weight set: weights, case (additional small case or vial if required) and handling equipment  
Weight set configuration: 5-2-2-1 Example: (1) 50 g, (2) 20 g and (1) 10 g  
OIML weight sets larger than 100 g include a hardwood case with velvet-lined pockets  
Weight sets with the largest weight of 100 g include a precision-machined, polyvinyl, crush-resistant case

### Features:

Weights manufactured to International Recommendation, OIML R111 specifications

- OIML E1, E2, F1 and F2 polish finish
- OIML M1 and M2 satin finish
- Density for E1/E2 is 7.95 g/cm<sup>3</sup> (unless otherwise noted, 1 mg, 2 mg and 5 mg are aluminum, and density is 2.7 g/cm<sup>3</sup>)
- Density for F1/F2/M1/M2 is 7.84 g/cm<sup>3</sup> (unless otherwise noted, 1 mg, 2 mg and 5 mg density is 2.7 g/cm<sup>3</sup>, 10 mg to 500 mg density is 7.95 g/cm<sup>3</sup>)

E1 and E2 are supplied with Accredited Certificate per OIML R111

E1, E2, F1, F2 and M1 weights include protective case

### Optional:

OIML M1/M2 serial numbers may be stamped on weights 100 g and larger (additional charges apply)

OIML F1/F2 weights may be laser marked (additional charges apply)



*Metric Single Weight with Case (Kits)*

- 60** Range: 20 kg – 1g
- 61** Range: 500 mg – 1mg

*Metric Single Weights*

- 62** Range: 20 kg – 1mg

*Metric Sets*

- 63** Range: 500 mg – 50 g
- 64** Range: 100 g
- 66** Range: 200 g
- 68** Range: 500 g
- 70** Range: 1 kg
- 72** Range: 2 kg
- 74** Range: 5 kg
- 76** Range: 10 kg
- 78** Range: 20 kg

## MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHT WITH CASE (KITS)

RANGE: 20 kg – 1g

**Class E1** Polished Finish  
*Statement of Accuracy not available.*

Weight	Part #	Price	Certificate Accredited
10 kg	<b>36872</b>	\$3,825.00	Included
5 kg	<b>29785</b>	\$2,525.00	Included
2 kg	<b>29784</b>	\$1,810.00	Included
1 kg	<b>29783</b>	\$1,220.00	Included
500 g	<b>29782</b>	\$905.00	Included
200 g	<b>29781</b>	\$780.00	Included
100 g	<b>29780</b>	\$725.00	Included
50 g	<b>29779</b>	\$650.00	Included
20 g	<b>29778</b>	\$645.00	Included
10 g	<b>29777</b>	\$640.00	Included
5 g	<b>29776</b>	\$575.00	Included
2 g	<b>29745</b>	\$575.00	Included
1g	<b>29744</b>	\$550.00	Included

**Class E2** Polished Finish  
*Statement of Accuracy not available.*

Weight	Part #	Price	Certificate Accredited
20 kg	<b>53850</b>	\$3,425.00	Included
10 kg	<b>36871</b>	\$2,825.00	Included
5 kg	<b>29775</b>	\$1,580.00	Included
2 kg	<b>29774</b>	\$995.00	Included
1 kg	<b>29773</b>	\$745.00	Included
500 g	<b>29772</b>	\$515.00	Included
200 g	<b>29771</b>	\$450.00	Included
100 g	<b>29770</b>	\$200.00	Included
50 g	<b>29769</b>	\$195.00	Included
20 g	<b>29768</b>	\$195.00	Included
10 g	<b>29767</b>	\$185.00	Included
5 g	<b>29766</b>	\$160.00	Included
2 g	<b>29743</b>	\$160.00	Included
1g	<b>29742</b>	\$160.00	Included

**Class F1** Polished Finish

Weight	Part #	Price	Optional Certificate Accredited	Optional Certificate Non-accredited
20 kg	<b>53654</b>	\$2,525.00	\$152.25	\$84.00
10 kg	<b>36870</b>	\$2,040.00	\$152.25	\$84.00
5 kg	<b>29765</b>	\$1,230.00	\$152.25	\$84.00
2 kg	<b>29764</b>	\$720.00	\$152.25	\$84.00
1 kg	<b>29763</b>	\$510.00	\$131.25	\$63.00
500 g	<b>29762</b>	\$295.00	\$131.25	\$63.00
200 g	<b>29761</b>	\$235.00	\$131.25	\$63.00
100 g	<b>29760</b>	\$165.00	\$57.75	\$47.25
50 g	<b>29759</b>	\$145.00	\$57.75	\$47.25
20 g	<b>29758</b>	\$145.00	\$57.75	\$47.25
10 g	<b>29757</b>	\$145.00	\$57.75	\$47.25
5 g	<b>29756</b>	\$145.00	\$57.75	\$47.25
2 g	<b>29741</b>	\$145.00	\$57.75	\$47.25
1g	<b>29740</b>	\$145.00	\$57.75	\$47.25

**Class F2** Polished Finish

Weight	Part #	Price	Optional Certificate Accredited	Optional Certificate Non-accredited
20 kg	<b>53655</b>	\$2,410.00	\$152.25	\$84.00
10 kg	<b>36869</b>	\$1,580.00	\$152.25	\$84.00
5 kg	<b>29755</b>	\$860.00	\$152.25	\$84.00
2 kg	<b>29754</b>	\$680.00	\$152.25	\$84.00
1 kg	<b>29753</b>	\$440.00	\$131.25	\$63.00
500 g	<b>29752</b>	\$295.00	\$131.25	\$63.00
200 g	<b>29751</b>	\$230.00	\$131.25	\$63.00
100 g	<b>29750</b>	\$140.00	\$57.75	\$47.25
50 g	<b>29749</b>	\$140.00	\$57.75	\$47.25
20 g	<b>29748</b>	\$140.00	\$57.75	\$47.25
10 g	<b>29747</b>	\$140.00	\$57.75	\$47.25
5 g	<b>29746</b>	\$140.00	\$57.75	\$47.25
2 g	<b>29739</b>	\$140.00	\$57.75	\$47.25
1g	<b>29738</b>	\$140.00	\$57.75	\$47.25



Kits Include Glove with Cased Weight

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Premium tweezers	<b>152414</b>	\$45.50

**MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHT WITH CASE (KITS)**

**RANGE: 500 mg – 1 mg**

**Class E1** Polished Finish  
*Statement of Accuracy not available.*

Weight	Part #	Price
500 mg	<b>29737</b>	\$310.00
200 mg	<b>29736</b>	\$310.00
100 mg	<b>29735</b>	\$310.00
50 mg	<b>29734</b>	\$310.00
20 mg	<b>29733</b>	\$310.00
10 mg	<b>29732</b>	\$310.00
5 mg	<b>29713</b>	\$310.00
2 mg	<b>29712</b>	\$310.00
1 mg	<b>29711</b>	\$310.00

**Certificate**

Accredited
Included
Included
Included
Included
Included
Included
Included
Included
Included
Included

**Class F2** Polished Finish

Weight	Part #	Price
500 mg	<b>29719</b>	\$51.00
200 mg	<b>29718</b>	\$51.00
100 mg	<b>29717</b>	\$51.00
50 mg	<b>29716</b>	\$51.00
20 mg	<b>29715</b>	\$51.00
10 mg	<b>29714</b>	\$51.00
5 mg	<b>29704</b>	\$51.00
2 mg	<b>29703</b>	\$51.00
1 mg	<b>29702</b>	\$51.00

**Optional Certificate**

Accredited	Accredited
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25

**Class E2** Polished Finish  
*Statement of Accuracy not available.*

Weight	Part #	Price
500 mg	<b>29731</b>	\$160.00
200 mg	<b>29730</b>	\$160.00
100 mg	<b>29729</b>	\$160.00
50 mg	<b>29728</b>	\$160.00
20 mg	<b>29727</b>	\$160.00
10 mg	<b>29726</b>	\$160.00
5 mg	<b>29710</b>	\$160.00
2 mg	<b>29709</b>	\$160.00
1 mg	<b>29708</b>	\$160.00

**Certificate**

Accredited
Included
Included
Included
Included
Included
Included
Included
Included
Included

**Class F1** Polished Finish

Weight	Part #	Price
500 mg	<b>29725</b>	\$57.00
200 mg	<b>29724</b>	\$57.00
100 mg	<b>29723</b>	\$57.00
50 mg	<b>29722</b>	\$57.00
20 mg	<b>29721</b>	\$57.00
10 mg	<b>29720</b>	\$57.00
5 mg	<b>29707</b>	\$57.00
2 mg	<b>29706</b>	\$57.00
1 mg	<b>29705</b>	\$57.00

**Optional Certificate**

Accredited	Non-Accredited
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25



**Accessories**

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Premium tweezers	<b>152414</b>	\$45.50
Vial for mg weights	<b>50038</b>	\$5.25

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHTS

## RANGE: 20 kg – 1 mg

**Class M1** Satin Finish  
(case included)

Weight	Part #	Price	Optional Certificate Accredited
20 kg	156292	\$1,530.00	\$78.75
10 kg	156291	\$1,310.00	\$78.75
5 kg	116207	\$595.00	\$78.75
2 kg	116206	\$340.00	\$78.75
1 kg	116205	\$240.00	\$57.75
500 g	116204	\$140.00	\$57.75
200 g	116203	\$125.00	\$57.75
100 g	111927	\$92.00	\$42.00
50 g	111928	\$87.00	\$42.00
20 g	111929	\$83.00	\$42.00
10 g	111930	\$83.00	\$42.00
5 g	111931	\$77.00	\$42.00
2 g	111932	\$77.00	\$42.00
1 g	111933	\$77.00	\$42.00
500 mg	202833	\$25.50	\$42.00
200 mg	202835	\$25.50	\$42.00
100 mg	202836	\$25.50	\$42.00
50 mg	202837	\$25.50	\$42.00
20 mg	202838	\$25.50	\$42.00
10 mg	202839	\$25.50	\$42.00
5 mg	202840	\$25.50	\$42.00
2 mg	202841	\$25.50	\$42.00
1 mg	202842	\$25.50	\$42.00

**Class M2** Satin Finish

M2 is sold as a single weight, accessory cases are available.

Weight	Part #	Price	Optional Certificate Accredited
5 kg	115926	\$255.00	\$78.75
2 kg	115925	\$160.00	\$78.75
1 kg	115924	\$86.00	\$57.75
500 g	115923	\$79.00	\$57.75
200 g	115922	\$62.00	\$57.75
100 g	111934	\$54.00	\$42.00
50 g	111935	\$49.00	\$42.00
20 g	111936	\$43.50	\$42.00
10 g	111937	\$43.50	\$42.00
5 g	111938	\$39.50	\$42.00
2 g	111939	\$39.50	\$42.00
1 g	111940	\$39.50	\$42.00

## Replacement Cases

Main Cases		
Class M1		
Nominal Value	Part #	Price
20 kg	156290	\$590.00
10 kg	156289	\$590.00
5 kg	225891	Consult
2 kg	190266	\$40.50
1 kg	190262	\$40.50
500 g	189711	\$40.50
200 g	196466	\$39.50
100 g	189566	\$44.50
50 g	189487	\$44.50
20 g	189477	\$44.50
10 g	189351	\$44.50
5 g	189240	\$44.50
2 g	189236	\$44.50
1 g	188285	\$44.50
500 mg	50038	\$5.25
200 mg	50038	\$5.25
100 mg	50038	\$5.25
50 mg	50038	\$5.25
20 mg	50038	\$5.25
10 mg	50038	\$5.25
5 mg	50038	\$5.25
2 mg	50038	\$5.25
1 mg	50038	\$5.25

## Replacement Cases

Main Cases		
Class M2		
Nominal Value	Part #	Price
5 kg	225892	Consult
2 kg	190266	\$40.50
1 kg	190262	\$40.50
500 g	189711	\$40.50
200 g	196466	\$39.50
100 g	189566	\$44.50
50 g	189487	\$44.50
20 g	189477	\$44.50
10 g	189351	\$44.50
5 g	189240	\$44.50
2 g	189236	\$44.50
1 g	188285	\$44.50

## Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Premium tweezer	152414	\$45.50



Premium Tweezer

# MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 500 mg – 50 g

**Class E1** Polished Finish  
Statement of Accuracy not available.

Set Range	Part #	Price
500 mg - 1 mg	<b>30850</b>	\$2,280.00
500 mg - 100 mg	<b>30854</b>	\$1,160.00

**Certificate**

Accredited
Included
Included

**Class E2** Polished Finish  
Statement of Accuracy not available.

Set Range	Part #	Price
500 mg - 1 mg	<b>30851</b>	\$1,560.00
500 mg - 100 mg	<b>30855</b>	\$990.00
50 g - 1 mg	<b>96477</b>	\$2,330.00
50 g - 1 g	<b>96478</b>	\$1,280.00

**Certificate**

Accredited
Included
Included
Included
Included

**Class F1** Polished Finish

Set Range	Part #	Price
500 mg - 1 mg	<b>30852</b>	\$650.00
500 mg - 100 mg	<b>30856</b>	\$475.00
50 g - 1 mg	<b>96479</b>	\$1,260.00
50 g - 1 g	<b>96480</b>	\$770.00

**Optional Certificate**

Accredited	Non-accredited
\$493.50	\$393.75
\$162.75	\$131.25
\$829.50	\$661.50
\$325.50	\$262.50

**Class F2** Polished Finish

Set Range	Part #	Price
500 mg - 1 mg	<b>30853</b>	\$645.00
500 mg - 100 mg	<b>30857</b>	\$365.00
50 g - 1 mg	<b>96481</b>	\$1,030.00
50 g - 1 g	<b>96482</b>	\$755.00

**Optional Certificate**

Accredited	Non-accredited
\$493.50	\$393.75
\$162.75	\$131.25
\$829.50	\$661.50
\$325.50	\$262.50

**Class M1** Satin Finish

Set Range	Part #	Price
500 mg - 1 mg	<b>161537</b>	\$475.00

**Optional Certificate**

Accredited
\$294.00

### Weight Set Contents

500 mg - 1 mg	500 mg - 100 mg	50 g - 1 mg	50 g - 1 g
<b>30850</b> Class E1	<b>30854</b> Class E1	–	–
<b>30851</b> Class E2	<b>30855</b> Class E2	<b>96477</b> Class E2	<b>96478</b> Class E2
<b>30852</b> Class F1	<b>30856</b> Class F1	<b>96479</b> Class F1	<b>96480</b> Class F1
<b>30853</b> Class F2	<b>30857</b> Class F2	<b>96481</b> Class F2	<b>96482</b> Class F2
<b>161537</b> Class M1	–	–	–
–	–	(1) 50 g	(1) 50 g
–	–	(2) 20 g	(2) 20 g
–	–	(1) 10 g	(1) 10 g
–	–	(1) 5 g	(1) 5 g
–	–	(2) 2 g	(2) 2 g
–	–	(1) 1 g	(1) 1 g
(1) 500 mg	(1) 500 mg	(1) 500 mg	
(2) 200 mg	(2) 200 mg	(2) 200 mg	
(1) 100 mg	(1) 100 mg	(1) 100 mg	
(1) 50 mg		(1) 50 mg	
(2) 20 mg		(2) 20 mg	
(1) 10 mg		(1) 10 mg	
(1) 5 mg		(1) 5 mg	
(2) 2 mg		(2) 2 mg	
(1) 1 mg		(1) 1 mg	
<b>12 pcs.</b> 1.11g set wt.	<b>4 pcs.</b> 1g set wt.	<b>20 pcs.</b> 111.11g set wt.	<b>8 pcs.</b> 108g set wt.

### Replacement Cases

Main Case		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
500 mg - 1 mg	<b>34699</b>	\$135.00
500 mg - 100 mg	<b>34699</b>	\$135.00
50 g - 1 mg	<b>34697</b>	\$240.00
50 g - 1 g	<b>34697</b>	\$240.00

### Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly, Class 0	<b>50000</b>	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	<b>50037</b>	\$57.00



Set Includes Lifting Device, Glove and Case

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 100 g

**Class E1** Polished Finish  
*Statement of Accuracy not available.***Certificate**

Set Range	Part #	Price	Accredited
100 g - 1mg	<b>30838</b>	\$5,600.00	Included
100 g - 100 mg	<b>30842</b>	\$4,400.00	Included
100 g - 1g	<b>30846</b>	\$3,625.00	Included

**Class E2** Polished Finish  
*Statement of Accuracy not available.***Certificate**

Set Range	Part #	Price	Accredited
100 g - 1mg	<b>30839</b>	\$2,575.00	Included
100 g - 100 mg	<b>30843</b>	\$1,840.00	Included
100 g - 1g	<b>30847</b>	\$1,370.00	Included

**Class F1** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
100 g - 1mg	<b>30840</b>	\$1,340.00	\$871.50	\$619.50
100 g - 100 mg	<b>30844</b>	\$1,130.00	\$535.50	\$425.25
100 g - 1g	<b>30848</b>	\$880.00	\$372.75	\$294.00

**Class F2** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
100 g - 1mg	<b>30841</b>	\$1,050.00	\$871.50	\$619.50
100 g - 100 mg	<b>30845</b>	\$1,040.00	\$535.50	\$425.25
100 g - 1g	<b>30849</b>	\$840.00	\$372.75	\$294.00

**Class M1** Satin Finish**Optional Certificate**

Set Range	Part #	Price	Accredited
100 g - 1mg	<b>119561</b>	\$1,000.00	\$530.25
100 g - 1g	<b>119560</b>	\$695.00	\$225.75

## Replacement Cases

Main Cases		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
100 g - 1mg	<b>34697</b>	\$240.00
100 g - 100 mg	<b>34697</b>	\$240.00
100 g - 1g	<b>34697</b>	\$240.00

Main Cases		
Class M1		
Set Range	Part #	Price
100 g - 1mg	<b>34697</b>	\$240.00
100 g - 1g	<b>34697</b>	\$240.00

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50

# RANGE: 100 g

## Weight Set Contents

100 g - 1 mg	100 g - 100 mg	100 g - 1 g
<b>30838</b> Class E1	<b>30842</b> Class E1	<b>30846</b> Class E1
<b>30839</b> Class E2	<b>30843</b> Class E2	<b>30847</b> Class E2
<b>30840</b> Class F1	<b>30844</b> Class F1	<b>30848</b> Class F1
<b>30841</b> Class F2	<b>30845</b> Class F2	<b>30849</b> Class F2
<b>119561</b> Class M1	–	<b>119560</b> Class M1
(1) 100 g	(1) 100 g	(1) 100 g
(1) 50 g	(1) 50 g	(1) 50 g
(2) 20 g	(2) 20 g	(2) 20 g
(1) 10 g	(1) 10 g	(1) 10 g
(1) 5 g	(1) 5 g	(1) 5 g
(2) 2 g	(2) 2 g	(2) 2 g
(1) 1 g	(1) 1 g	(1) 1 g
(1) 500 mg	(1) 500 mg	
(2) 200 mg	(2) 200 mg	
(1) 100 mg	(1) 100 mg	
(1) 50 mg		
(2) 20 mg		
(1) 10 mg		
(1) 5 mg		
(2) 2 mg		
(1) 1 mg		
<b>21 pcs.</b> 211.1g set wt.	<b>13 pcs.</b> 211g set wt.	<b>9 pcs.</b> 210g set wt.



Set Includes Lifting Device, Glove and Case (100 g to 1 mg)

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

MASS REFERENCE STANDARDS / METRIC SETS

# RANGE: 200 g

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

**Class E1** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price
(2) 200 g - 1mg	<b>40546</b>	\$6,000.00
200 g - 100 mg	<b>40547</b>	\$5,100.00
200 g - 1g	<b>40548</b>	\$4,375.00
200 g - 100 g	<b>40549</b>	\$2,575.00

**Certificate**

Accredited
Included
Included
Included
Included

**Class E2** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price
200 g - 1mg	<b>40550</b>	\$2,925.00
(2) 200 g - 1mg	<b>96468</b>	\$3,275.00
200 g - 100 mg	<b>40551</b>	\$2,290.00
200 g - 1g	<b>40552</b>	\$1,810.00
(2) 200 g - 1g	<b>96469</b>	\$2,180.00
(2) 200 g - 100 g	<b>40553</b>	\$1,450.00

**Certificate**

Accredited
Included
Included
Included
Included
Included
Included

**Class F1** Polished Finish

Set Range	Part #	Price
200 g - 1mg	<b>40554</b>	\$1,880.00
(2) 200 g - 1mg	<b>96470</b>	\$1,930.00
200 g - 100 mg	<b>40555</b>	\$1,440.00
(2) 200 g - 1g	<b>96471</b>	\$1,300.00
200 g - 1g	<b>40556</b>	\$1,200.00
(2) 200 g - 100 g	<b>40557</b>	\$820.00

**Optional Certificate**

Accredited	Non-accredited
\$976.50	\$693.00
\$1,071.00	\$708.75
\$640.50	\$472.50
\$546.00	\$388.50
\$546.00	\$388.50
\$315.00	\$162.75

**Class F2** Polished Finish

Set Range	Part #	Price
200 g - 1mg	<b>40558</b>	\$1,850.00
(2) 200 g - 1mg	<b>96472</b>	\$1,880.00
200 g - 100 mg	<b>40559</b>	\$1,300.00
(2) 200 g - 1g	<b>96473</b>	\$1,230.00
200 g - 1g	<b>40560</b>	\$1,180.00
(2) 200 g - 100 g	<b>40561</b>	\$815.00

**Optional Certificate**

Accredited	Non-accredited
\$976.50	\$693.00
\$1,071.00	\$708.75
\$640.50	\$472.50
\$567.00	\$388.50
\$472.50	\$341.25
\$315.00	\$162.75

**Class M1** Satin Finish

Set Range	Part #	Price
200 g - 1mg	<b>195668</b>	Consult
200 g - 1g	<b>195669</b>	Consult

**Optional Certificate**

Accredited	Non-accredited
Consult	Consult
Consult	Consult

## Replacement Cases

Main Cases		
Class E1		
Set Range	Part #	Price
(2) 200 g - 1mg	<b>34645</b>	\$350.00
200 g - 100 mg	<b>34645</b>	\$350.00
200 g - 1g	<b>34645</b>	\$350.00
200 g - 100 g	<b>34645</b>	\$350.00

Main Cases		
Class E2, F1 and F2		
Set Range	Part #	Price
200 g - 1mg	<b>34645</b>	\$350.00
(2) 200 g - 1mg	<b>34645</b>	\$350.00
200 g - 100 mg	<b>34645</b>	\$350.00
(2) 200 g - 1g	<b>34645</b>	\$350.00
200 g - 1g	<b>34645</b>	\$350.00
(2) 200 g - 100 g	<b>34645</b>	\$350.00

Main Cases		
Class M1		
Set Range	Part #	Price
200 g - 1mg	<b>Consult</b>	Consult
200 g - 1g	<b>Consult</b>	Consult

Inserts		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
200 g - 1mg	<b>30607</b>	\$220.00
(2) 200 g - 1mg	<b>84473</b>	\$420.00
(2) 200 g - 1g	<b>84472</b>	\$420.00
(2) 200 g - 100 g	<b>30608</b>	\$415.00

# RANGE: 200 g

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## Weight Set Contents

200 g - 1mg	(2) 200 g - 1mg	200 g - 100 mg	200 g - 1g	(2) 200 g - 1g	(2) 200 g - 100 g
<b>40550</b> Class E2 <b>40554</b> Class F1 <b>40558</b> Class F2 <b>195668</b> Class M1 -	<b>40546</b> Class E1 <b>96468</b> Class E2 <b>96470</b> Class F1 <b>96472</b> Class F2 -	<b>40547</b> Class E1 <b>40551</b> Class E2 <b>40555</b> Class F1 <b>40559</b> Class F2 -	<b>40548</b> Class E1 <b>40552</b> Class E2 <b>40556</b> Class F1 <b>40560</b> Class F2 <b>195669</b> Class M1	- <b>96469</b> Class E2 <b>96471</b> Class F1 <b>96473</b> Class F2 -	<b>40549</b> Class E1 <b>40553</b> Class E2 <b>40557</b> Class F1 <b>40561</b> Class F2 -
(1) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g (1) 500 mg (2) 200 mg (1) 100 mg (1) 50 mg (2) 20 mg (1) 10 mg (1) 5 mg (2) 2 mg (1) 1 mg	(2) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g (1) 500 mg (2) 200 mg (1) 100 mg (1) 50 mg (2) 20 mg (1) 10 mg (1) 5 mg (2) 2 mg (1) 1 mg	(1) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g (1) 500 mg (2) 200 mg (1) 100 mg	(1) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g	(2) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g	(2) 200 g (1) 100 g
22 pcs. 411.11g set wt.	23 pcs. 611.11g set wt.	14 pcs. 611g set wt.	10 pcs. 410g set wt.	11 pcs. 610g set wt.	3 pcs. 500g set wt.



Set Includes Lifting Device, Glove and Case

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50

## MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 500 g

**Class E1** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
500 g - 1mg	<b>30822</b>	\$7,200.00	Included
500 g - 100 mg	<b>30826</b>	\$6,375.00	Included
500 g - 1g	<b>30830</b>	\$5,750.00	Included
500 g - 100 g	<b>30834</b>	\$4,850.00	Included

**Class E2** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
500 g - 1mg	<b>30823</b>	\$3,850.00	Included
500 g - 100 mg	<b>30827</b>	\$3,325.00	Included
500 g - 1g	<b>30831</b>	\$2,675.00	Included
500 g - 100 g	<b>30835</b>	\$1,940.00	Included

**Class F1** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
500 g - 1mg	<b>30824</b>	\$2,280.00	\$1,176.00	\$750.75
500 g - 100 mg	<b>30828</b>	\$2,030.00	\$840.00	\$561.75
500 g - 1g	<b>30832</b>	\$1,700.00	\$672.00	\$430.50
500 g - 100 g	<b>30836</b>	\$1,490.00	\$341.25	\$173.25

**Class F2** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
500 g - 1mg	<b>30825</b>	\$1,940.00	\$1,176.00	\$750.75
500 g - 100 mg	<b>30829</b>	\$1,800.00	\$840.00	\$561.75
500 g - 1g	<b>30833</b>	\$1,510.00	\$672.00	\$430.50
500 g - 100 g	<b>30837</b>	\$1,100.00	\$341.25	\$173.25

**Class M1** Satin Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
500 g - 1mg	<b>195670</b>	Consult	Consult	Consult
500 g - 1g	<b>195671</b>	Consult	Consult	Consult

## Replacement Cases

Main Cases		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
500 g - 1mg	<b>34645</b>	\$350.00
500 g - 100 mg	<b>34645</b>	\$350.00
500 g - 1g	<b>34645</b>	\$350.00
500 g - 100 g	<b>34645</b>	\$350.00

Main Cases		
Class M1		
Set Range	Part #	Price
500 g - 1mg	<b>Consult</b>	Consult
500 g - 1g	<b>Consult</b>	Consult

Inserts		
Class E1, E2, F1, F2 and M1		
Set Range	Part #	Price
500 g - 1mg	<b>30607</b>	\$220.00
500 g - 100 g	<b>30608</b>	\$415.00

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1kg - 200g	<b>50000</b>	\$78.00

# RANGE: 500 g

## Weight Set Contents

500 g to 1 mg		500 g to 100 mg		500 g - 1 g		500 g - 100 g	
<b>30822</b> Class E1	<b>30826</b> Class E1	<b>30830</b> Class E1	<b>30834</b> Class E1				
<b>30823</b> Class E2	<b>30827</b> Class E2	<b>30831</b> Class E2	<b>30835</b> Class E2				
<b>30824</b> Class F1	<b>30828</b> Class F1	<b>30832</b> Class F1	<b>30836</b> Class F1				
<b>30825</b> Class F2	<b>30829</b> Class F2	<b>30833</b> Class F2	<b>30837</b> Class F2				
<b>195670</b> Class M1	–	<b>195671</b> Class M1	–				
(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g				
(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g				
(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g				
(1) 50 g	(1) 50 g	(1) 50 g					
(2) 20 g	(2) 20 g	(2) 20 g					
(1) 10 g	(1) 10 g	(1) 10 g					
(1) 5 g	(1) 5 g	(1) 5 g					
(2) 2 g	(2) 2 g	(2) 2 g					
(1) 1 g	(1) 1 g	(1) 1 g					
(1) 500 mg	(1) 500 mg						
(2) 200 mg	(2) 200 mg						
(1) 100 mg	(1) 100 mg						
(1) 50 mg							
(2) 20 mg							
(1) 10 mg							
(1) 5 mg							
(2) 2 mg							
(1) 1 mg							
<b>24 pcs.</b> 1.11111 kg set wt.	<b>16 pcs.</b> 1.111 kg set wt.	<b>12 pcs.</b> 1.11 kg set wt.	<b>4 pcs.</b> 1 kg set wt.				



Set Includes Lifting Device, Glove and Case

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 1kg

**Class E1** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
1kg - 1mg	<b>30806</b>	\$8,225.00	Included
1kg - 100 mg	<b>30810</b>	\$6,975.00	Included
1kg - 1g	<b>30814</b>	\$6,275.00	Included
1kg - 100 g	<b>30818</b>	\$4,275.00	Included

**Class E2** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
1kg - 1mg	<b>30807</b>	\$4,500.00	Included
1kg - 100 mg	<b>30811</b>	\$4,500.00	Included
1kg - 1g	<b>30815</b>	\$3,900.00	Included
1kg - 100 g	<b>30819</b>	\$3,100.00	Included

**Class F1** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
1kg - 1mg	<b>30808</b>	\$3,250.00	\$1,270.50	\$803.25
1kg - 100 mg	<b>30812</b>	\$3,100.00	\$945.00	\$551.25
1kg - 1g	<b>30816</b>	\$3,000.00	\$766.50	\$477.75
1kg - 100 g	<b>30820</b>	\$2,625.00	\$435.75	\$215.25

**Class F2** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
1kg - 1mg	<b>30809</b>	\$3,125.00	\$1,270.50	\$803.25
1kg - 100 mg	<b>30813</b>	\$3,050.00	\$945.00	\$551.25
1kg - 1g	<b>30817</b>	\$2,975.00	\$766.50	\$477.75
1kg - 100 g	<b>30821</b>	\$2,290.00	\$435.75	\$215.25

**Class M1** Satin Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
1kg - 1mg	<b>159154</b>	\$2,280.00	Consult	Consult
1kg - 1g	<b>159155</b>	\$1,860.00	Consult	Consult

## Replacement Cases

Main Cases		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
1kg - 1mg	<b>30605</b>	\$2,060.00
1kg - 100 mg	<b>30605</b>	\$2,060.00
1kg - 1g	<b>30605</b>	\$2,060.00
1kg - 100 g	<b>30606</b>	\$1,860.00

Main Cases		
Class M1		
Set Range	Part #	Price
1kg - 1mg	<b>Consult</b>	Consult
1kg - 1g	<b>Consult</b>	Consult

  

Secondary Case		
Set Range	Part #	Price
100 g - 1mg	<b>34697</b>	\$240.00

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1kg - 200 g	<b>50000</b>	\$78.00

# RANGE: 1kg

## Weight Set Contents

1kg - 1mg		1kg - 100 mg		1kg - 1g		1kg - 100 g	
<b>30806</b>	Class E1	<b>30810</b>	Class E1	<b>30814</b>	Class E1	<b>30818</b>	Class E1
<b>30807</b>	Class E2	<b>30811</b>	Class E2	<b>30815</b>	Class E2	<b>30819</b>	Class E2
<b>30808</b>	Class F1	<b>30812</b>	Class F1	<b>30816</b>	Class F1	<b>30820</b>	Class F1
<b>30809</b>	Class F2	<b>30813</b>	Class F2	<b>30817</b>	Class F2	<b>30821</b>	Class F2
<b>159154</b>	Class M1	–		<b>159155</b>	Class M1	–	
(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg
(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g
(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g
(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g
(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g		
(2) 20 g	(2) 20 g	(2) 20 g	(2) 20 g	(2) 20 g	(2) 20 g		
(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 g		
(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g		
(2) 2 g	(2) 2 g	(2) 2 g	(2) 2 g	(2) 2 g	(2) 2 g		
(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 g		
(1) 500 mg	(1) 500 mg						
(2) 200 mg	(2) 200 mg						
(1) 100 mg	(1) 100 mg						
(1) 50 mg							
(2) 20 mg							
(1) 10 mg							
(1) 5 mg							
(2) 2 mg							
(1) 1 mg							
<b>25 pcs.</b> <b>2.11111kg set wt.</b>	<b>17 pcs.</b> <b>2.111kg set wt.</b>	<b>13 pcs.</b> <b>2.11kg set wt.</b>	<b>5 pcs.</b> <b>2 kg set wt.</b>				



Set Includes Lifting Device, Glove and Case (1 kg to 1 mg)

ASTM  
PRECISION

OIML  
PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 2 kg

**Class E1** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price	Certificate Accredited
2 kg - 1 mg	<b>40518</b>	\$10,825.00	Included
2 kg - 100 mg	<b>40519</b>	\$9,425.00	Included
2 kg - 1 g	<b>40520</b>	\$7,925.00	Included
2 kg - 100 g	<b>40521</b>	\$5,775.00	Included

**Class E2** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price	Certificate Accredited
2 kg - 1 mg	<b>40523</b>	\$5,600.00	Included
(2) 2 kg - 1 mg	<b>96455</b>	\$6,175.00	Included
2 kg - 1 g	<b>40525</b>	\$4,425.00	Included
(2) 2 kg - 1 g	<b>96457</b>	\$5,575.00	Included

**Class F1** Polished Finish

Set Range	Part #	Price	Optional Certificate	
			Accredited	Non-accredited
2 kg - 1 mg	<b>40528</b>	\$4,425.00	\$1,375.50	\$945.00
(2) 2 kg - 1 mg	<b>96459</b>	\$4,600.00	\$1,501.50	\$1,008.00
2 kg - 1 g	<b>40530</b>	\$3,425.00	\$882.00	\$535.50
(2) 2 kg - 1 g	<b>96461</b>	\$4,025.00	\$1,218.00	\$598.50

**Class F2** Polished Finish

Set Range	Part #	Price	Optional Certificate	
			Accredited	Non-accredited
2 kg - 1 mg	<b>40533</b>	\$3,825.00	\$1,375.50	\$945.00
(2) 2 kg - 1 mg	<b>96463</b>	\$3,825.00	\$1,501.50	\$1,008.00
2 kg - 1 g	<b>40535</b>	\$3,375.00	\$882.00	\$535.50
(2) 2 kg - 1 g	<b>96465</b>	\$3,900.00	\$1,008.00	\$598.50

**Class M1** Satin Finish

Set Range	Part #	Price	Optional Certificate	
			Accredited	Non-accredited
2 kg - 1 mg	<b>195672</b>	\$2,925.00	Consult	Consult
2 kg - 1 g	<b>195673</b>	\$2,100.00	Consult	Consult



Set Includes Lifting Device, Glove and Case (1 kg to 1 mg)

## Replacement Cases

Main Cases		
Class E1		
Set Range	Part #	Price
2 kg - 1 mg	<b>96308</b>	\$2,070.00
2 kg - 100 mg	<b>96308</b>	\$2,070.00
2 kg - 1 g	<b>96308</b>	\$2,070.00
2 kg - 100 g	<b>96308</b>	\$2,070.00

Main Cases		
Class E2, F1 and F2		
Set Range	Part #	Price
2 kg - 1 mg	<b>96308</b>	\$2,070.00
(2) 2 kg - 1 mg	<b>84474</b>	\$2,070.00
2 kg - 1 g	<b>96308</b>	\$2,070.00
(2) 2 kg - 1 g	<b>84474</b>	\$2,070.00

Main Cases		
Class M1		
Set Range	Part #	Price
2 kg - 1 mg	<b>Consult</b>	Consult
2 kg - 1 g	<b>Consult</b>	Consult

Secondary Case		
Set Range	Part #	Price
100 g - 1 mg	<b>34697</b>	\$240.00

# RANGE: 2 kg

## Weight Set Contents

2 kg - 1 mg	2 kg - 100 mg	(2) 2 kg - 1 mg	2 kg - 1 g	(2) 2 kg - 1 g	2 kg - 100 g
<b>40518</b> Class E1	<b>40519</b> Class E1	–	<b>40520</b> Class E1	–	<b>40521</b> Class E1
<b>40523</b> Class E2	–	<b>96455</b> Class E2	<b>40525</b> Class E2	<b>96457</b> Class E2	–
<b>40528</b> Class F1	–	<b>96459</b> Class F1	<b>40530</b> Class F1	<b>96461</b> Class F1	–
<b>40533</b> Class F2	–	<b>96463</b> Class F2	<b>40535</b> Class F2	<b>96465</b> Class F2	–
–	–	–	<b>195672</b> Class M1	<b>195673</b> Class M1	–
(1) 2 kg	(1) 2 kg	(2) 2 kg	(1) 2 kg	(2) 2 kg	(1) 2 kg
(1) 1 kg	(1) 1 kg	(1) 1 kg	(1) 1 kg	(1) 1 kg	(1) 1 kg
(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g
(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g
(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g
(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	
(2) 20 g	(2) 20 g	(2) 20 g	(2) 20 g	(2) 20 g	
(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 g	
(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	
(2) 2 g	(2) 2 g	(2) 2 g	(2) 2 g	(2) 2 g	
(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 g	
(1) 500 mg	(1) 500 mg	(1) 500 mg			
(2) 200 mg	(2) 200 mg	(2) 200 mg			
(1) 100 mg	(1) 100 mg	(1) 100 mg			
(1) 50 mg		(1) 50 mg			
(2) 20 mg		(2) 20 mg			
(1) 10 mg		(1) 10 mg			
(1) 5 mg		(1) 5 mg			
(2) 2 mg		(2) 2 mg			
(1) 1 mg		(1) 1 mg			
<b>26 pcs.</b> 4.11111 kg set wt.	<b>18 pcs.</b> 4.111 kg set wt.	<b>27 pcs.</b> 6.11111 kg set wt.	<b>14 pcs.</b> 4.11 kg set wt.	<b>15 pcs.</b> 4.11 kg set wt.	<b>6 pcs.</b> 4.0 kg set wt.

ASTM  
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PRECISION

BALANCE  
CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1 kg - 200 g	<b>50000</b>	\$78.00
Lifter, 5 kg and 2 kg	<b>50037</b>	\$57.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 5 kg

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PRECISION

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CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

**Class E1** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price	Certificate Accredited
5 kg - 1 mg	<b>30785</b>	\$12,775.00	Included
5 kg - 100 mg	<b>30789</b>	\$12,300.00	Included
5 kg - 1 g	<b>30793</b>	\$11,800.00	Included
5 kg - 100 g	<b>30797</b>	\$8,325.00	Included
5 kg - 1 kg	<b>30802</b>	\$7,050.00	Included

**Class E2** Polished Finish  
*Statement of Accuracy not available.*

Set Range	Part #	Price	Certificate Accredited
5 kg - 1 mg	<b>30786</b>	\$7,275.00	Included
5 kg - 100 mg	<b>30790</b>	\$7,000.00	Included
5 kg - 1 g	<b>30794</b>	\$6,300.00	Included
5 kg - 100 g	<b>30798</b>	\$5,550.00	Included
5 kg - 1 kg	<b>30803</b>	\$4,700.00	Included

**Class F1** Polished Finish

Set Range	Part #	Price	Optional Certificate	
			Accredited	Non-accredited
5 kg - 1 mg	<b>30787</b>	\$5,450.00	\$1,470.00	\$882.00
5 kg - 100 mg	<b>30791</b>	\$5,550.00	\$1,286.25	\$803.25
5 kg - 1 g	<b>30795</b>	\$5,125.00	\$1,128.75	\$666.75
5 kg - 100 g	<b>30800</b>	\$4,700.00	\$792.75	\$399.00
5 kg - 1 kg	<b>30804</b>	\$4,450.00	\$404.25	\$231.00

**Class F2** Polished Finish

Set Range	Part #	Price	Optional Certificate	
			Accredited	Non-accredited
5 kg - 1 mg	<b>30788</b>	\$5,000.00	\$1,470.00	\$882.00
5 kg - 100 mg	<b>30792</b>	\$4,850.00	\$1,286.25	\$803.25
5 kg - 1 g	<b>30796</b>	\$4,425.00	\$1,128.75	\$666.75
5 kg - 100 g	<b>30801</b>	\$4,050.00	\$792.75	\$399.00
5 kg - 1 kg	<b>30805</b>	\$3,750.00	\$404.25	\$231.00

**Class M1** Satin Finish

Set Range	Part #	Price	Optional Certificate Accredited
5 kg - 1 mg	<b>126169</b>	\$2,900.00	\$819.00
5 kg - 1 g	<b>126168</b>	\$2,490.00	\$514.50

Replacement Cases

Main Cases		
Class E1, E2, F1 and F2		
Set Range	Part #	Price
5 kg - 1 mg	<b>30602</b>	\$2,020.00
5 kg - 100 mg	<b>30602</b>	\$2,020.00
5 kg - 1 g	<b>30602</b>	\$2,020.00
5 kg - 100 g	<b>30603</b>	\$2,020.00
5 kg - 1 kg	<b>30604</b>	\$1,860.00

Main Cases		
Class M1		
Set Range	Part #	Price
5 kg - 1 mg	<b>126164</b>	\$265.00
5 kg - 1 g	<b>126164</b>	\$265.00

  

Secondary Case		
Set Range	Part #	Price
100 g - 1 mg	<b>34697</b>	\$240.00

Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1 kg - 200 g	<b>50000</b>	\$78.00
Lifter, 5 kg and 2 kg	<b>50037</b>	\$57.00

Weight Set Contents

5 kg - 1 mg	5 kg - 100 mg	5 kg - 1 g	5 kg - 100 g	5 kg - 1 kg
<b>30785</b> Class E1	<b>30789</b> Class E1	<b>30793</b> Class E1	<b>30797</b> Class E1	<b>30802</b> Class E1
<b>30786</b> Class E2	<b>30790</b> Class E2	<b>30794</b> Class E2	<b>30798</b> Class E2	<b>30803</b> Class E2
<b>30787</b> Class F1	<b>30791</b> Class F1	<b>30795</b> Class F1	<b>30800</b> Class F1	<b>30804</b> Class F1
<b>30788</b> Class F2	<b>30792</b> Class F2	<b>30796</b> Class F2	<b>30801</b> Class F2	<b>30805</b> Class F2
<b>126169</b> Class M1	-	<b>126168</b> Class M1	-	-
(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg
(2) 2 kg	(2) 2 kg	(2) 2 kg	(2) 2 kg	(2) 2 kg
(1) 1 kg	(1) 1 kg	(1) 1 kg	(1) 1 kg	(1) 1 kg
(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	
(2) 200 g	(2) 200 g	(2) 200 g	(2) 200 g	
(1) 100 g	(1) 100 g	(1) 100 g	(1) 100 g	
(1) 50 g	(1) 50 g	(1) 50 g		
(2) 20 g	(2) 20 g	(2) 20 g		
(1) 10 g	(1) 10 g	(1) 10 g		
(1) 5 g	(1) 5 g	(1) 5 g		
(2) 2 g	(2) 2 g	(2) 2 g		
(1) 1 g	(1) 1 g	(1) 1 g		
(1) 500 mg	(1) 500 mg			
(2) 200 mg	(2) 200 mg			
(1) 100 mg	(1) 100 mg			
(1) 50 mg				
(2) 20 mg				
(1) 10 mg				
(1) 5 mg				
(2) 2 mg				
(1) 1 mg				
<b>28 pcs.</b> 11.11111 kg set wt.	<b>20 pcs.</b> 11.111 kg set wt.	<b>16 pcs.</b> 11.11 kg set wt.	<b>8 pcs.</b> 11 kg set wt.	<b>4 pcs.</b> 10 kg set wt.



Set Includes Lifting Device, Glove and Case (1 kg to 1 mg)

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## MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 10 kg

**Class E2** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
10 kg - 1mg	<b>65213</b>	\$10,350.00	Included
10 kg - 100 mg	<b>96419</b>	\$10,025.00	Included
10 kg - 1g	<b>96415</b>	\$9,725.00	Included
10 kg - 100 g	<b>96420</b>	\$8,525.00	Included
10 kg - 1kg	<b>96421</b>	\$7,600.00	Included

**Class F1** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
10 kg - 1mg	<b>65214</b>	\$8,575.00	\$1,575.00	\$945.00
10 kg - 100 mg	<b>96429</b>	\$8,450.00	\$1,391.25	\$861.00
10 kg - 1g	<b>96430</b>	\$8,275.00	\$1,239.00	\$724.50
10 kg - 100 g	<b>96467</b>	\$7,775.00	\$913.50	\$462.00
10 kg - 1kg	<b>96432</b>	\$6,975.00	\$556.50	\$294.00

**Class F2** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
10 kg - 1mg	<b>65215</b>	\$7,625.00	\$1,575.00	\$945.00
10 kg - 100 mg	<b>96445</b>	\$7,500.00	\$1,391.25	\$861.00
10 kg - 1g	<b>96446</b>	\$7,400.00	\$1,239.00	\$724.50
10 kg - 100 g	<b>96444</b>	\$6,775.00	\$913.50	\$462.00
10 kg - 1kg	<b>96448</b>	\$6,200.00	\$556.50	\$294.00

**Class M1** Satin Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
10 kg - 1mg	<b>195676</b>	\$3,425.00	Consult	Consult
10 kg - 1g	<b>195677</b>	\$3,075.00	Consult	Consult

## Replacement Cases

Main Cases		
Class E2, F1 and F2		
Set Range	Part #	Price
10 kg - 1mg	<b>65218</b>	\$2,575.00
10 kg - 100 mg	<b>65218</b>	\$2,575.00
10 kg - 1g	<b>65218</b>	\$2,575.00
10 kg - 100 g	<b>65218</b>	\$2,575.00
10 kg - 1kg	<b>65218</b>	\$2,575.00

Main Cases		
Class M1		
Set Range	Part #	Price
10 kg - 1mg	Consult	Consult
10 kg - 1g	<b>200297</b>	\$615.00

Secondary Case		
Set Range	Part #	Price
100 g - 1 mg	<b>34697</b>	\$240.00

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1kg - 200 g	<b>50000</b>	\$78.00
Lifter, 5 kg and 2 kg	<b>50037</b>	\$57.00

# RANGE: 10 kg

## Weight Set Contents

10 kg - 1 mg	10 kg - 100 mg	10 kg - 1 g	10 kg - 100 g	10 kg - 1 kg
<b>65213</b> Class E2 <b>65214</b> Class F1 <b>65215</b> Class F2 <b>195676</b> Class M1	<b>96419</b> Class E2 <b>96429</b> Class F1 <b>96445</b> Class F2 -	<b>96415</b> Class E2 <b>96430</b> Class F1 <b>96446</b> Class F2 <b>195677</b> Class M1	<b>96420</b> Class E2 <b>96467</b> Class F1 <b>96444</b> Class F2 -	<b>96421</b> Class E2 <b>96432</b> Class F1 <b>96448</b> Class F2 -
(1) 10 kg (1) 5 kg (2) 2 kg (1) 1 kg (1) 500 g (2) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g (1) 500 mg (2) 200 mg (1) 100 mg (1) 50 mg (2) 20 mg (1) 10 mg (1) 5 mg (2) 2 mg (1) 1 mg	(1) 10 kg (1) 5 kg (2) 2 kg (1) 1 kg (1) 500 g (2) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g (1) 500 mg (2) 200 mg (1) 100 mg	(1) 10 kg (1) 5 kg (2) 2 kg (1) 1 kg (1) 500 g (2) 200 g (1) 100 g (1) 50 g (2) 20 g (1) 10 g (1) 5 g (2) 2 g (1) 1 g	(1) 10 kg (1) 5 kg (2) 2 kg (1) 1 kg (1) 500 g (2) 200 g (1) 100 g	(1) 10 kg (1) 5 kg (2) 2 kg (1) 1 kg
<b>29 pcs.</b> <b>21.1111 kg set wt.</b>	<b>21 pcs.</b> <b>21.11105 kg</b>	<b>17 pcs.</b> <b>21.111 kg set wt.</b>	<b>9 pcs.</b> <b>21 kg set wt.</b>	<b>5 pcs.</b> <b>20 kg set wt.</b>

ASTM  
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PRECISION

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CALIBRATION

STAINLESS  
FIELD WEIGHTS

CAST IRON  
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

## MASS REFERENCE STANDARDS / METRIC SETS

## RANGE: 20 kg

**Class E2** Polished Finish

Statement of Accuracy not available.

**Certificate**

Set Range	Part #	Price	Accredited
20 kg - 1mg	<b>65210</b>	\$14,425.00	Included
20 kg - 100 mg	<b>96416</b>	\$14,100.00	Included
20 kg - 1g	<b>96414</b>	\$13,525.00	Included
20 kg - 100 g	<b>96417</b>	\$12,400.00	Included
20 kg - 1kg	<b>96418</b>	\$11,025.00	Included

**Class F1** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
20 kg - 1mg	<b>65211</b>	\$11,200.00	\$1,764.00	\$1,076.25
20 kg - 100 mg	<b>96428</b>	\$7,425.00	\$1,517.25	\$929.25
20 kg - 1g	<b>96425</b>	\$10,875.00	\$1,349.25	\$798.00
20 kg - 100 g	<b>96426</b>	\$10,350.00	\$1,023.75	\$525.00
20 kg - 1kg	<b>96427</b>	\$9,550.00	\$677.25	\$357.00

**Class F2** Polished Finish**Optional Certificate**

Set Range	Part #	Price	Accredited	Non-accredited
20 kg - 1mg	<b>65212</b>	\$9,975.00	\$1,764.00	\$1,076.25
20 kg - 100 mg	<b>96447</b>	\$9,800.00	\$1,517.25	\$929.25
20 kg - 1g	<b>96441</b>	\$9,700.00	\$1,349.25	\$798.00
20 kg - 100 g	<b>96442</b>	\$9,225.00	\$1,023.75	\$525.00
20 kg - 1kg	<b>96443</b>	\$8,500.00	\$677.25	\$672.00

## Replacement Cases

Main Cases		
Class E2, F1 and F2		
Set Range	Part #	Price
20 kg - 1mg	<b>65219</b>	\$2,450.00
20 kg - 100 mg	<b>65219</b>	\$2,450.00
20 kg - 1g	<b>65219</b>	\$2,450.00
20 kg - 100 g	<b>65219</b>	\$2,450.00
20 kg - 1kg	<b>65219</b>	\$2,450.00

Secondary Case		
Set Range	Part #	Price
100 g - 1mg	<b>34697</b>	\$240.00

## Accessories

Description	Part #	Price
Statement of Accuracy	<b>36092</b>	\$47.50
Weight glove, white cotton	<b>11714</b>	\$7.25
Tweezer	<b>11711</b>	\$5.25
Premium tweezer	<b>152414</b>	\$45.50
Serial number	<b>25836</b>	\$17.00
Leaf weight cover	<b>11755</b>	\$45.50
Weight forceps, plastic	<b>50035</b>	\$45.50
Tong assembly 1kg - 200g	<b>50000</b>	\$78.00
Lifter, 5 kg and 2 kg	<b>50037</b>	\$57.00

# RANGE: 20 kg

## Weight Set Contents

20 kg - 1 mg		20 kg - 100 mg		20 kg - 1 g		20 kg - 100 g		20 kg - 1 kg	
<b>65210</b>	Class E2	<b>96416</b>	Class E2	<b>96414</b>	Class E2	<b>96417</b>	Class E2	<b>96418</b>	Class E2
<b>65211</b>	Class F1	<b>96428</b>	Class F1	<b>96425</b>	Class F1	<b>96426</b>	Class F1	<b>96427</b>	Class F1
<b>65212</b>	Class F2	<b>96447</b>	Class F2	<b>96441</b>	Class F2	<b>96442</b>	Class F2	<b>96443</b>	Class F2
(1) 20 kg		(1) 20 kg		(1) 20 kg		(1) 20 kg		(1) 20 kg	
(1) 10 kg		(1) 10 kg		(1) 10 kg		(1) 10 kg		(1) 10 kg	
(1) 5 kg		(1) 5 kg		(1) 5 kg		(1) 5 kg		(1) 5 kg	
(2) 2 kg		(2) 2 kg		(2) 2 kg		(2) 2 kg		(2) 2 kg	
(1) 1 kg		(1) 1 kg		(1) 1 kg		(1) 1 kg		(1) 1 kg	
(1) 500 g		(1) 500 g		(1) 500 g		(1) 500 g			
(2) 200 g		(2) 200 g		(2) 200 g		(2) 200 g			
(1) 100 g		(1) 100 g		(1) 100 g		(1) 100 g			
(1) 50 g		(1) 50 g		(1) 50 g					
(2) 20 g		(2) 20 g		(2) 20 g					
(1) 10 g		(1) 10 g		(1) 10 g					
(1) 5 g		(1) 5 g		(1) 5 g					
(2) 2 g		(2) 2 g		(2) 2 g					
(1) 1 g		(1) 1 g		(1) 1 g					
(1) 500 mg		(1) 500 mg							
(2) 200 mg		(2) 200 mg							
(1) 100 mg		(1) 100 mg							
(1) 50 mg									
(2) 20 mg									
(1) 10 mg									
(1) 5 mg									
(2) 2 mg									
(1) 1 mg									
<b>30 pcs.</b> 41.1111 kg set wt.		<b>22 pcs.</b> 41.11105 kg set wt.		<b>18 pcs.</b> 41.111 kg set wt.		<b>10 pcs.</b> 41 kg set wt.		<b>6 pcs.</b> 40 kg set wt.	

ASTM  
PRECISION

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SPECIALTY

ACCESSORIES