

ASTM

Mass Reference Standards

Applications:

- Calibrating Class I and II balances
- Calibrating ASTM Class 4, 5 and 6 weights
- Student laboratory use
- Rough weighing operations
- Force measuring operations
- Tolerance testing
- Verification checks

Designs Available:

- Type I design (one piece) for Class 0
- Type II design (two piece screw-knob) for Classes 1-4 with sealing cavity for adjusting material

Product Configuration:

- Single weight
- Single weight kit: includes weight, case or vial and glove
- Weight set: includes weights, case and handling equipment
- Weight set configurations: 5-2-2-1 and 5-3-2-1 Example:
(1) 50 g, (2) 20 g and (1) 10 g or (1) 50 g, (1) 30 g, (1) 20 g and (1) 10 g

Custom Configuration:

- Custom sets are available as built-to-order configurations to meet your specific requirements
- ASTM weight sets larger than 500 g or 1lb include a hardwood case with velvet-lined pockets
- Weight sets with the largest weight of 500 g include a precision-machined, polyvinyl, crush-resistant case

Features:

- Stainless steel polished finish
- Designed to meet ASTM E617 specifications; ASTM Class 0 weight sets and individual weights are not individually marked with their weight value or individually serialized per ASTM E617
- Nominal value marked on weights
- Serial numbers applied to case (weights may be marked with symbol)
- Density 7.95 g/cm³



Metric Single Weight with Case (Kits)

18 Range: 20 kg – 1 mg

Metric Single Weights

19 Range: 20 kg – 1 mg

Metric Single Weight with Case (Kits)

20 Range: 25 kg – 1 g

Metric Single Weights

22 Range: 25 kg – 1 g

Metric Single Weight with Case (Kits)

24 Range: 500 mg – 0.5 mg

Metric Single Weights

25 Range: 500 mg – 1 mg

Avoirdupois Single Weight with Case (Kits)

26 Range: 30 lb – 1/16 oz

28 Range: 0.001 lb – 1/32 oz

Avoirdupois Single Weights

30 Range: 50 lb – 1/16 oz

32 Range: 0.001 lb – 1/32 oz

Sets

33 Essential Weight Sets

Metric Sets

34 Range: 500 mg

36 Range: 20 g

38 Range: 50 g

40 Range: 100 g

42 Range: 200 g

44 Range: 300 g and 500 g

46 Range: 1 kg

48 Range: 2 kg

50 Range: 3 kg and 5 kg

52 Range: 10 kg

54 Range: 20 kg and 25 kg

56 Range: 2 lb through 50 lb

57 Range: 2 lb through 50 lb



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

RANGE: 20 kg – 1 mg

Class 0

Cylindrical

Statement of Accuracy is not available.

Class 0 enclosed in case per requirements.

Nominal Value	Kit Part #	Price	Certificate Accredited
20 kg	45856	\$4,675.00	Included
10 kg	45857	\$3,075.00	Included
5 kg	45858	\$2,210.00	Included
3 kg	45859	\$1,940.00	Included
2 kg	45860	\$1,600.00	Included
1 kg	45861	\$1,180.00	Included
500 g	45862	\$720.00	Included
300 g	45863	\$680.00	Included
200 g	45864	\$630.00	Included
100 g	45865	\$525.00	Included
50 g	45866	\$495.00	Included
30 g	45867	\$480.00	Included
20 g	45868	\$480.00	Included
10 g	45869	\$480.00	Included
5 g	45870	\$415.00	Included
3 g	45871	\$415.00	Included
2 g	45872	\$415.00	Included
1 g	45873	\$415.00	Included

Certificate**Accredited**

Kits Include a Single Weight with Case and Glove

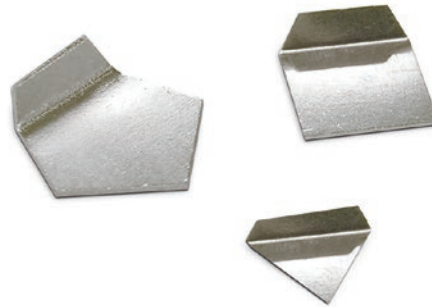
Class 0

Leaf (Milligram)

Statement of Accuracy is not available.

Class 0 enclosed in vial per requirements.

Nominal Value	Kit Part #	Price	Certificate Accredited
500 mg	45874	\$325.00	Included
300 mg	45875	\$325.00	Included
200 mg	45876	\$325.00	Included
100 mg	45877	\$325.00	Included
50 mg	45878	\$325.00	Included
30 mg	45879	\$325.00	Included
20 mg	45880	\$325.00	Included
10 mg	45881	\$325.00	Included
5 mg	45882	\$325.00	Included
3 mg	45883	\$325.00	Included
2 mg	45884	\$325.00	Included
1 mg	45885	\$325.00	Included

Certificate**Accredited****Replacement Cases**

Main Cases		
Class 0		
Nominal Value	Part #	Price
25 kg - 1 mg	Consult	Consult

Accessories

Description	Part #	Price
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00
Weight forceps	50035	\$45.50
Tong assembly	50000	\$78.00

MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHTS

RANGE: 20 kg – 1 mg

Class 0

Cylindrical

Statement of Accuracy is not available.

Class 0 enclosed in case per requirements.

Nominal Value	Part #	Price
20 kg	46097	\$4,600.00
10 kg	46096	\$3,000.00
5 kg	46095	\$2,140.00
3 kg	46094	\$1,920.00
2 kg	46093	\$1,570.00
1 kg	46092	\$1,160.00
500 g	46091	\$695.00
300 g	46090	\$660.00
200 g	46089	\$610.00
100 g	46088	\$510.00
50 g	46087	\$460.00
30 g	46086	\$460.00
20 g	46085	\$460.00
10 g	46084	\$460.00
5 g	46083	\$395.00
3 g	46082	\$395.00
2 g	46081	\$395.00
1g	46080	\$395.00

Certificate

Accredited
Included
Included
Included
Included
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Cylindrical Weight

Class 0

Leaf (Milligram)

Statement of Accuracy is not available, and weight

requires a case for shipping.

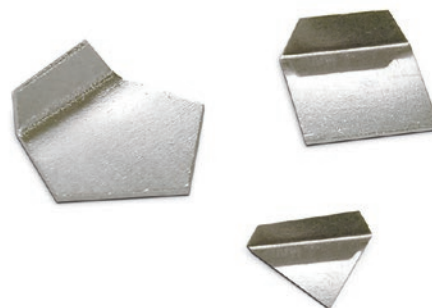
For special kits, single weights must ship in a case.

Single leaf weights must ship in a vial.

Nominal Value	Part #	Price
500 mg	46079	\$315.00
300 mg	46078	\$315.00
200 mg	46077	\$315.00
100 mg	46076	\$315.00
50 mg	46075	\$315.00
30 mg	46074	\$315.00
20 mg	46073	\$315.00
10 mg	46072	\$315.00
5 mg	46071	\$315.00
3 mg	46070	\$315.00
2 mg	46069	\$315.00
1mg	46068	\$315.00

Certificate

Accredited
Included
Included
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ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 0		
Nominal Value	Part #	Price
25 kg - 1 mg	Consult	Consult

Accessories

Description	Part #	Price
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00
Weight forceps	50035	\$45.50
Tong assembly	50000	\$78.00

MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHT WITH CASE (KITS)**RANGE: 25 kg – 1g****Class 1**

Class 1 enclosed in vial/case per requirements.

Nominal Value	Kit Part #	Price
25 kg	Consult	Consult
20 kg	82590	\$4,175.00
10 kg	82591	\$2,370.00
5 kg	82592	\$1,360.00
3 kg	82593	\$1,090.00
2 kg	82594	\$880.00
1 kg	82595	\$615.00
500 g	82596	\$265.00
300 g	82597	\$205.00
200 g	82598	\$195.00
100 g	82599	\$140.00
50 g	82600	\$135.00
30 g	82601	\$130.00
20 g	82602	\$125.00
10 g	82603	\$125.00
5 g	82604	\$125.00
3 g	82605	\$105.00
2 g	82606	\$105.00
1 g	82607	\$90.00

Optional Certificate

Accredited	Non-Accredited
Consult	Consult
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 3

Class 1 enclosed in vial/case per requirements.

Weight	Kit Part #	Price
25 kg	Consult	Consult
20 kg	82674	\$2,800.00
10 kg	82675	\$2,080.00
5 kg	82676	\$1,320.00
3 kg	82677	\$1,010.00
2 kg	82678	\$795.00
1 kg	82679	\$520.00
500 g	82680	\$250.00
300 g	82681	\$185.00
200 g	82682	\$175.00
100 g	82683	\$135.00
50 g	82684	\$125.00
30 g	82685	\$120.00
20 g	82686	\$105.00
10 g	82687	\$105.00
5 g	82688	\$77.00
3 g	82689	\$77.00
2 g	82690	\$77.00
1 g	82691	\$77.00

Optional Certificate

Accredited	Non-Accredited
Consult	Consult
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 2

Class 1 enclosed in vial/case per requirements.

Nominal Value	Kit Part #	Price
25 kg	Consult	Consult
20 kg	82632	\$2,825.00
10 kg	82633	\$2,270.00
5 kg	82634	\$1,320.00
3 kg	82635	\$1,040.00
2 kg	82636	\$810.00
1 kg	82637	\$535.00
500 g	82638	\$265.00
300 g	82639	\$195.00
200 g	82640	\$185.00
100 g	82641	\$140.00
50 g	82642	\$130.00
30 g	82643	\$120.00
20 g	82644	\$105.00
10 g	82645	\$105.00
5 g	82646	\$90.00
3 g	82647	\$90.00
2 g	82648	\$90.00
1 g	82649	\$90.00

Optional Certificate

Accredited	Non-Accredited
Consult	Consult
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$145.00	\$80.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$125.00	\$60.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
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\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

**Replacement Cases**

Main Cases		
Class 1, 2 and 3		
Nominal Value	Part #	Price
25 kg	Consult	Consult
20 kg	80703	\$265.00
10 kg	80704	\$265.00
5 kg	80705	\$195.00
3 kg	190274	\$40.50
2 kg	190271	\$40.50
1 kg	190264	\$40.50
500 g	189715	\$40.50
300 g	196467	\$39.50
200 g	189637	\$40.50

Main Cases		
Class 1, 2 and 3		
Nominal Value	Part #	Price
100 g	189570	\$44.50
50 g	189509	\$44.50
30 g	189486	\$44.50
20 g	189484	\$44.50
10 g	189461	\$44.50
5 g	189349	\$44.50
3 g	194033	\$42.00
2 g	189237	\$44.50
1 g	198502	\$42.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00

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

RANGE: 25 kg – 1g

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Class 4

Nominal Value	Kit Part #	Price
25 kg	Consult	Consult
20 kg	82716	\$2,575.00
10 kg	82717	\$1,870.00
5 kg	82718	\$1,300.00
3 kg	82719	\$935.00
2 kg	82720	\$765.00
1 kg	82721	\$505.00
500 g	82722	\$245.00
300 g	82723	\$175.00
200 g	82724	\$150.00
100 g	82725	\$105.00
50 g	82726	\$105.00
30 g	82727	\$90.00
20 g	82728	\$90.00
10 g	82729	\$83.00
5 g	82730	\$66.00
3 g	82731	\$66.00
2 g	82732	\$66.00
1g	82733	\$66.00

Optional Certificate

Accredited
Consult
\$75.00
\$75.00
\$75.00
\$75.00
\$75.00
\$55.00
\$55.00
\$55.00
\$55.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00



Kits include a Single Weight with Case and Glove

Replacement Cases

Main Cases		
Class 4		
Nominal Value	Part #	Price
25 kg	Consult	Consult
20 kg	80703	\$265.00
10 kg	80704	\$265.00
5 kg	80705	\$195.00
3 kg	190274	\$40.50
2 kg	190271	\$40.50
1 kg	190264	\$40.50
500 g	189715	\$40.50
300 g	196467	\$39.50
200 g	189637	\$40.50
100 g	189570	\$44.50

Main Cases		
Class 4		
Nominal Value	Part #	Price
50 g	189509	\$44.50
30 g	189486	\$44.50
20 g	189484	\$44.50
10 g	189461	\$44.50
5 g	189349	\$44.50
3 g	194033	\$42.00
2 g	189237	\$44.50
1g	198502	\$42.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00

MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHTS

RANGE: 25 kg – 1g

Class 1			Optional Certificate		Class 3			Optional Certificate	
Nominal Value	Part #	Price	Accredited	Non-Accredited	Nominal Value	Part #	Price	Accredited	Non-Accredited
25 kg	11876	\$4,925.00	\$145.00	\$80.00	25 kg	12272	\$4,525.00	\$145.00	\$80.00
20 kg	11875	\$4,025.00	\$145.00	\$80.00	20 kg	12271	\$2,625.00	\$145.00	\$80.00
10 kg	11874	\$2,240.00	\$145.00	\$80.00	10 kg	12270	\$1,940.00	\$145.00	\$80.00
5 kg	11872	\$1,230.00	\$145.00	\$80.00	5 kg	12269	\$1,220.00	\$145.00	\$80.00
3 kg	11871	\$1,050.00	\$145.00	\$80.00	3 kg	12268	\$975.00	\$145.00	\$80.00
2 kg	11870	\$830.00	\$145.00	\$80.00	2 kg	12267	\$770.00	\$145.00	\$80.00
1 kg	11869	\$580.00	\$125.00	\$60.00	1 kg	12266	\$505.00	\$125.00	\$60.00
500 g	11867	\$245.00	\$125.00	\$60.00	500 g	12265	\$235.00	\$125.00	\$60.00
300 g	11866	\$185.00	\$125.00	\$60.00	300 g	12264	\$165.00	\$125.00	\$60.00
200 g	11865	\$170.00	\$125.00	\$60.00	200 g	12263	\$160.00	\$125.00	\$60.00
100 g	11864	\$130.00	\$55.00	\$45.00	100 g	12262	\$120.00	\$55.00	\$45.00
50 g	11862	\$125.00	\$55.00	\$45.00	50 g	12261	\$90.00	\$55.00	\$45.00
30 g	11861	\$115.00	\$55.00	\$45.00	30 g	12260	\$90.00	\$55.00	\$45.00
20 g	11860	\$115.00	\$55.00	\$45.00	20 g	12259	\$90.00	\$55.00	\$45.00
10 g	11859	\$105.00	\$55.00	\$45.00	10 g	12258	\$90.00	\$55.00	\$45.00
5 g	11857	\$98.00	\$55.00	\$45.00	5 g	12257	\$68.00	\$55.00	\$45.00
3 g	11856	\$83.00	\$55.00	\$45.00	3 g	12256	\$68.00	\$55.00	\$45.00
2 g	11855	\$83.00	\$55.00	\$45.00	2 g	12255	\$68.00	\$55.00	\$45.00
1 g	11854	\$77.00	\$55.00	\$45.00	1 g	12254	\$68.00	\$55.00	\$45.00

Class 2			Optional Certificate	
Nominal Value	Part #	Price	Accredited	Non-Accredited
25 kg	12131	\$4,600.00	\$145.00	\$80.00
20 kg	12130	\$2,675.00	\$145.00	\$80.00
10 kg	12129	\$2,080.00	\$145.00	\$80.00
5 kg	12127	\$1,220.00	\$145.00	\$80.00
3 kg	12126	\$1,010.00	\$145.00	\$80.00
2 kg	12125	\$785.00	\$145.00	\$80.00
1 kg	12124	\$520.00	\$125.00	\$60.00
500 g	12122	\$240.00	\$125.00	\$60.00
300 g	12121	\$175.00	\$125.00	\$60.00
200 g	12120	\$165.00	\$125.00	\$60.00
100 g	12119	\$125.00	\$55.00	\$45.00
50 g	12117	\$98.00	\$55.00	\$45.00
30 g	12116	\$96.00	\$55.00	\$45.00
20 g	12115	\$96.00	\$55.00	\$45.00
10 g	12114	\$96.00	\$55.00	\$45.00
5 g	12112	\$72.00	\$55.00	\$45.00
3 g	12111	\$72.00	\$55.00	\$45.00
2 g	12110	\$72.00	\$55.00	\$45.00
1 g	12109	\$72.00	\$55.00	\$45.00

Replacement Cases

Main Cases		
Class 1, 2 and 3		
Nominal Value	Part #	Price
25 kg	Consult	Consult
20 kg	80703	\$265.00
10 kg	80704	\$265.00
5 kg	80705	\$195.00
3 kg	190274	\$40.50
2 kg	190271	\$40.50
1 kg	190264	\$40.50
500 g	189715	\$40.50
300 g	196467	\$39.50
200 g	189637	\$40.50

Main Cases		
Class 1, 2 and 3		
Nominal Value	Part #	Price
100 g	189570	\$44.50
50 g	189509	\$44.50
30 g	189486	\$44.50
20 g	189484	\$44.50
10 g	189461	\$44.50
5 g	189349	\$44.50
3 g	194033	\$42.00
2 g	189237	\$44.50
1 g	198502	\$42.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00

MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHTS

RANGE: 25 kg – 1g

Class 4

For special kits, single weights must ship in a case.

Nominal Value	Part #	Price
25 kg	12375	\$4,450.00
20 kg	12374	\$2,450.00
10 kg	12373	\$1,730.00
5 kg	12372	\$1,160.00
3 kg	12371	\$905.00
2 kg	12370	\$735.00
1 kg	12369	\$480.00
500 g	12368	\$230.00
300 g	12367	\$160.00
200 g	12366	\$140.00
100 g	12365	\$98.00
50 g	12364	\$79.00
30 g	12363	\$72.00
20 g	12362	\$72.00
10 g	12361	\$72.00
5 g	12360	\$51.00
3 g	12359	\$51.00
2 g	12358	\$51.00
1g	12357	\$51.00

Optional Certificate

Accredited
Consult
\$75.00
\$75.00
\$75.00
\$75.00
\$75.00
\$55.00
\$55.00
\$55.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00



ASTM
PRECISION

OIML
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BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 4		
Nominal Value	Part #	Price
25 kg	Consult	Consult
20 kg	80703	\$265.00
10 kg	80704	\$265.00
5 kg	80705	\$195.00
3 kg	190274	\$40.50
2 kg	190271	\$40.50
1 kg	190264	\$40.50
500 g	189715	\$40.50
300 g	196467	\$39.50
200 g	189637	\$40.50

Main Cases		
Class 4		
Nominal Value	Part #	Price
100 g	189570	\$44.50
50 g	189509	\$44.50
30 g	189486	\$44.50
20 g	189484	\$44.50
10 g	189461	\$44.50
5 g	189349	\$44.50
3 g	194033	\$42.00
2 g	189237	\$44.50
1g	198502	\$42.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00

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

RANGE: 500 mg – 0.5 mg

Class 1

Enclosed in vial/case per requirements.

Nominal Value	Kit Part #	Price
500 mg	80458	\$77.00
300 mg	80459	\$77.00
200 mg	80460	\$77.00
100 mg	80461	\$77.00
50 mg	80462	\$77.00
30 mg	80463	\$77.00
20 mg	80464	\$77.00
10 mg	80465	\$77.00
5 mg	80466	\$77.00
3 mg	80467	\$77.00
2 mg	80468	\$77.00
1 mg	80469	\$77.00
0.5 mg*	36076	\$77.00

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 3

Enclosed in vial/case per requirements.

Weight	Kit Part #	Price
500 mg	80482	\$45.50
300 mg	80483	\$45.50
200 mg	80484	\$45.50
100 mg	80485	\$45.50
50 mg	80486	\$45.50
30 mg	80487	\$45.50
20 mg	80488	\$45.50
10 mg	80489	\$45.50
5 mg	80490	\$45.50
3 mg	80491	\$45.50
2 mg	80492	\$45.50
1 mg	80493	\$45.50
0.5 mg*	36078	\$45.50

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 2

Enclosed in vial/case per requirements.

Nominal Value	Kit Part #	Price
500 mg	80470	\$51.00
300 mg	80471	\$51.00
200 mg	80472	\$51.00
100 mg	80473	\$51.00
50 mg	80474	\$51.00
30 mg	80475	\$51.00
20 mg	80476	\$51.00
10 mg	80477	\$50.00
5 mg	80478	\$51.00
3 mg	80479	\$51.00
2 mg	80480	\$51.00
1 mg	80481	\$51.00
0.5 mg*	36077	\$51.00

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 4

Single leaf weights must ship in a vial.

Nominal Value	Kit Part #	Price
500 mg	80494	\$39.50
300 mg	80495	\$39.50
200 mg	80496	\$39.50
100 mg	80497	\$39.50
50 mg	80498	\$39.50
30 mg	80499	\$39.50
20 mg	80500	\$39.50
10 mg	80501	\$39.50
5 mg	80502	\$39.50
3 mg	80503	\$39.50
2 mg	80504	\$39.50
1 mg	80505	\$39.50
0.5 mg*	36079	\$83.00

Optional Certificate

Accredited
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00

*Wire weight

**Accessories**

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00
Replacement vial 500 mg to 0.5 mg	50038	\$5.25

MASS REFERENCE STANDARDS / METRIC SINGLE WEIGHTS

RANGE: 500 mg – 1 mg

Class 1

Single leaf weights must ship in a vial.

Nominal Value	Part #	Price
500 mg	11852	\$72.00
300 mg	11851	\$72.00
200 mg	11850	\$72.00
100 mg	11849	\$72.00
50 mg	11847	\$72.00
30 mg	11846	\$72.00
20 mg	11845	\$72.00
10 mg	11844	\$72.00
5 mg	11842	\$72.00
3 mg	11841	\$72.00
2 mg	11840	\$72.00
1 mg	11839	\$72.00

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 3

Single leaf weights must ship in a vial.

Nominal Value	Part #	Price
500 mg	12253	\$42.00
300 mg	12252	\$42.00
200 mg	12251	\$42.00
100 mg	12250	\$42.00
50 mg	12248	\$42.00
30 mg	12247	\$42.00
20 mg	12246	\$42.00
10 mg	12245	\$42.00
5 mg	12244	\$42.00
3 mg	12243	\$42.00
2 mg	12242	\$42.00
1 mg	12241	\$42.00

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 2

Single leaf weights must ship in a vial.

Nominal Value	Part #	Price
500 mg	12107	\$45.50
300 mg	12106	\$45.50
200 mg	12105	\$45.50
100 mg	12104	\$45.50
50 mg	12102	\$45.50
30 mg	12101	\$45.50
20 mg	12100	\$45.50
10 mg	12099	\$45.50
5 mg	12097	\$45.50
3 mg	12096	\$45.50
2 mg	12095	\$45.50
1 mg	12094	\$45.50

Optional Certificate

Accredited	Non-Accredited
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00
\$55.00	\$45.00

Class 4

Single leaf weights must ship in a vial.

Nominal Value	Part #	Price
500 mg	12356	\$39.50
300 mg	12355	\$39.50
200 mg	12354	\$39.50
100 mg	12353	\$39.50
50 mg	12352	\$39.50
30 mg	12351	\$39.50
20 mg	12350	\$39.50
10 mg	22198	\$39.50
5 mg	22197	\$39.50
3 mg	22196	\$39.50
2 mg	22195	\$39.50
1 mg	22194	\$39.50

Optional Certificate

Accredited
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00



Leaf (Milligram) Weight

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Serial number	25836	\$17.00
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Weight glove, white cotton	11714	\$7.25
Leaf weight cover	11755	\$45.50
Lifter bar	11747	\$22.25
Lifter bar with larger handle	11712	\$77.00
Replacement vial 500 mg to 0.5 mg	50038	\$5.25

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHT WITH CASE (KITS)

RANGE: 30 lb – 1/16 oz

Class 1			Optional Certificate		Class 2			Optional Certificate	
Nominal Value	Kit Part #	Price	Accredited	Non-Accredited	Nominal Value	Kit Part #	Price	Accredited	Non-Accredited
30 lb	82581	\$4,350.00	\$130.00	\$85.00	30 lb	82625	\$4,250.00	\$130.00	\$85.00
25 lb	82580	\$3,000.00	\$130.00	\$85.00	25 lb	82624	\$3,600.00	\$130.00	\$85.00
20 lb	82579	\$2,975.00	\$130.00	\$85.00	20 lb	82623	\$2,900.00	\$130.00	\$85.00
10 lb	82578	\$1,750.00	\$130.00	\$85.00	10 lb	82622	\$1,710.00	\$130.00	\$85.00
5 lb	82589	\$1,260.00	\$130.00	\$85.00	5 lb	82631	\$1,210.00	\$130.00	\$85.00
4 lb	82588	\$1,070.00	\$130.00	\$85.00	4 lb	82630	\$1,020.00	\$130.00	\$85.00
3 lb	82587	\$805.00	\$130.00	\$85.00	3 lb	82629	\$735.00	\$130.00	\$85.00
2 lb	82586	\$705.00	\$105.00	\$70.00	2 lb	82628	\$665.00	\$105.00	\$70.00
1 lb	82585	\$360.00	\$105.00	\$70.00	1 lb	82627	\$340.00	\$105.00	\$70.00
8 oz	82584	\$295.00	\$55.00	\$45.00	8 oz	82626	\$280.00	\$55.00	\$45.00
0.5 lb	82570	\$300.00	\$55.00	\$45.00	0.5 lb	82614	\$280.00	\$55.00	\$45.00
0.3 lb	118809	\$230.00	\$55.00	\$45.00	0.3 lb	118810	\$220.00	\$55.00	\$45.00
0.2 lb	82569	\$195.00	\$55.00	\$45.00	0.2 lb	82613	\$195.00	\$55.00	\$45.00
0.1 lb	82568	\$145.00	\$55.00	\$45.00	0.1 lb	82612	\$135.00	\$55.00	\$45.00
0.05 lb	82567	\$135.00	\$55.00	\$45.00	0.05 lb	82611	\$130.00	\$55.00	\$45.00
0.03 lb	118805	\$130.00	\$55.00	\$45.00	0.03 lb	118806	\$120.00	\$55.00	\$45.00
0.02 lb	82566	\$130.00	\$55.00	\$45.00	0.02 lb	82610	\$125.00	\$55.00	\$45.00
0.01 lb	82565	\$130.00	\$55.00	\$45.00	0.01 lb	82609	\$120.00	\$55.00	\$45.00
0.005 lb	82564	\$130.00	\$55.00	\$45.00	0.005 lb	82608	\$120.00	\$55.00	\$45.00
0.003 lb	118801	\$130.00	\$55.00	\$45.00	0.003 lb	118802	\$120.00	\$55.00	\$45.00
4 oz	82577	\$165.00	\$55.00	\$45.00	4 oz	82621	\$165.00	\$55.00	\$45.00
2 oz	82576	\$145.00	\$55.00	\$45.00	2 oz	82620	\$135.00	\$55.00	\$45.00
1 oz	82575	\$125.00	\$55.00	\$45.00	1 oz	82619	\$125.00	\$55.00	\$45.00
1/2 oz	82574	\$120.00	\$55.00	\$45.00	1/2 oz	82618	\$115.00	\$55.00	\$45.00
1/4 oz	82573	\$120.00	\$55.00	\$45.00	1/4 oz	82617	\$115.00	\$55.00	\$45.00
1/8 oz	82572	\$120.00	\$55.00	\$45.00	1/8 oz	82616	\$115.00	\$55.00	\$45.00
1/16 oz	82571	\$120.00	\$55.00	\$45.00	1/16 oz	82615	\$115.00	\$55.00	\$45.00

Replacement Cases

Main Cases		
Class 1, 2 and 3 Screw Knob		
Nominal Value	Part #	Price
30 lb	80743	\$265.00
25 lb	80742	\$265.00
20 lb	80741	\$265.00
10 lb	80740	\$265.00
5 lb	190272	\$40.50
4 lb	190268	\$40.50
3 lb	190265	\$40.50
2 lb	190261	\$40.50
1 lb	189713	\$40.50
8 oz	189638	\$40.50
0.5 lb	189638	\$40.50
0.3 lb	189633	\$40.50
0.2 lb	189569	\$44.50
0.1 lb	189508	\$44.50

Main Cases		
Class 1, 2 and 3 Screw Knob		
Nominal Value	Part #	Price
0.05 lb	189485	\$44.50
0.03 lb	189478	\$44.50
0.02 lb	189460	\$44.50
0.01 lb	189349	\$44.50
0.005 lb	189239	\$44.50
0.003 lb	189234	\$44.50
4 oz	189571	\$44.50
2 oz	190126	\$40.50
1 oz	189486	\$44.50
1/2 oz	189478	\$44.50
1/4 oz	189350	\$44.50
1/8 oz	194034	\$42.00
1/16 oz	189237	\$44.50

Main Cases		
Class 4 Screw Knob		
Nominal Value	Part #	Price
30 lb	80743	\$265.00
25 lb	80742	\$265.00
20 lb	80741	\$265.00
10 lb	80740	\$265.00
5 lb	190272	\$40.50
4 lb	190268	\$40.50
3 lb	190265	\$40.50
2 lb	190261	\$40.50
1 lb	189713	\$40.50
8 oz	189638	\$40.50
0.5 lb	189638	\$40.50
0.3 lb	189633	\$40.50
0.2 lb	189569	\$44.50
0.1 lb	189508	\$44.50

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHT WITH CASE (KITS)

RANGE: 30 lb – 1/16 oz

Class 3			Optional Certificate		Class 4			Optional Certificate
Nominal Value	Kit Part #	Price	Accredited	Non-Accredited	Nominal Value	Kit Part #	Price	Accredited
30 lb	82667	\$4,075.00	\$130.00	\$85.00	30 lb	82709	\$4,025.00	\$80.00
25 lb	82666	\$3,450.00	\$130.00	\$85.00	25 lb	82708	\$3,425.00	\$80.00
20 lb	82665	\$2,750.00	\$130.00	\$85.00	20 lb	82707	\$2,725.00	\$80.00
10 lb	82664	\$1,590.00	\$130.00	\$85.00	10 lb	82706	\$1,580.00	\$80.00
5 lb	82673	\$1,180.00	\$130.00	\$85.00	5 lb	82715	\$1,170.00	\$80.00
4 lb	82672	\$980.00	\$130.00	\$85.00	4 lb	82714	\$890.00	\$80.00
3 lb	82671	\$710.00	\$130.00	\$85.00	3 lb	82713	\$685.00	\$80.00
2 lb	82670	\$645.00	\$105.00	\$70.00	2 lb	82712	\$620.00	\$65.00
1 lb	82669	\$325.00	\$105.00	\$70.00	1 lb	82711	\$295.00	\$65.00
8 oz	82668	\$280.00	\$55.00	\$45.00	8 oz	82710	\$270.00	\$40.00
0.5 lb	82656	\$280.00	\$55.00	\$45.00	0.5 lb	82698	\$280.00	\$40.00
0.3 lb	118811	\$180.00	\$55.00	\$45.00	0.3 lb	118812	\$195.00	\$40.00
0.2 lb	82655	\$150.00	\$55.00	\$45.00	0.2 lb	82697	\$145.00	\$40.00
0.1 lb	82654	\$135.00	\$55.00	\$45.00	0.1 lb	82696	\$125.00	\$40.00
0.05 lb	82653	\$125.00	\$55.00	\$45.00	0.05 lb	82695	\$120.00	\$40.00
0.03 lb	118807	\$120.00	\$55.00	\$45.00	0.03 lb	118808	\$98.00	\$40.00
0.02 lb	82652	\$120.00	\$55.00	\$45.00	0.02 lb	82694	\$120.00	\$40.00
0.01 lb	82651	\$120.00	\$55.00	\$45.00	0.01 lb	82693	\$120.00	\$40.00
0.005 lb	82650	\$115.00	\$55.00	\$45.00	0.005 lb	82692	\$120.00	\$40.00
0.003 lb	118803	\$115.00	\$55.00	\$45.00	0.003 lb	118804	\$120.00	\$40.00
4 oz	82663	\$160.00	\$55.00	\$45.00	4 oz	82705	\$145.00	\$40.00
2 oz	82662	\$135.00	\$55.00	\$45.00	2 oz	82704	\$135.00	\$40.00
1 oz	82661	\$115.00	\$55.00	\$45.00	1 oz	82703	\$125.00	\$40.00
1/2 oz	82660	\$115.00	\$55.00	\$45.00	1/2 oz	82702	\$120.00	\$40.00
1/4 oz	82659	\$115.00	\$55.00	\$45.00	1/4 oz	82701	\$120.00	\$40.00
1/8 oz	82658	\$115.00	\$55.00	\$45.00	1/8 oz	82700	\$120.00	\$40.00
1/16 oz	82657	\$115.00	\$55.00	\$45.00	1/16 oz	82699	\$120.00	\$40.00

ASTM PRECISION
OIML PRECISION
BALANCE CALIBRATION
STAINLESS FIELD WEIGHTS
CAST IRON FIELD WEIGHTS
SPECIALTY
ACCESSORIES



Kits include a single weight with case and glove

Accessories

Main Cases		
Class 4 Screw Knob		
Nominal Value	Part #	Price
0.05 lb	189485	\$44.50
0.03 lb	189478	\$44.50
0.02 lb	189460	\$44.50
0.01 lb	189349	\$44.50
0.005 lb	189239	\$44.50
0.003 lb	189234	\$44.50
4 oz	189571	\$44.50
2 oz	190126	\$40.50
1 oz	189486	\$44.50
1/2 oz	189478	\$44.50
1/4 oz	189350	\$44.50
1/8 oz	194034	\$42.00
1/16 oz	189237	\$44.50

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Lifter bar	11747	\$22.25
Capsule	80420	\$5.25

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHT WITH CASE (KITS)

RANGE: 0.001lb – 1/32 oz

Class 1

Enclosed in vial/case per requirements.

Optional Certificate

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	80428	\$120.00	\$55.00	\$45.00
0.002lb	80439	\$120.00	\$55.00	\$45.00
1/32 oz	80442	\$120.00	\$55.00	\$45.00

Class 2

Enclosed in vial/case per requirements.

Optional Certificate

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	80443	\$120.00	\$55.00	\$45.00
0.002lb	80445	\$115.00	\$55.00	\$45.00
1/32 oz	80446	\$115.00	\$55.00	\$45.00

Class 3

Enclosed in vial/case per requirements.

Optional Certificate

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	80448	\$115.00	\$55.00	\$45.00
0.002lb	80449	\$115.00	\$55.00	\$45.00
1/32 oz	80451	\$115.00	\$55.00	\$45.00

Kits Include a
Single Weight with Vial**Replacement Cases**

Main Case		
Class 1, 2 and 3 Leaf		
Nominal Value	Part #	Price
0.001lb	Consult	Consult
0.002lb	Consult	Consult
1/32 oz	Consult	Consult

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Vial	50038	\$5.25
Lifter bar	11747	\$22.25

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 50 lb – 1/16 oz

Class 1			Optional Certificate		Class 2			Optional Certificate	
Nominal Value	Part #	Price	Accredited	Non-Accredited	Weight	Part #	Price	Accredited	Non-Accredited
50 lb	12056	\$5,675.00	\$285.00	\$85.00	50 lb	12202	\$5,600.00	\$285.00	\$85.00
30 lb	12055	\$4,175.00	\$130.00	\$85.00	30 lb	12201	\$4,075.00	\$130.00	\$85.00
25 lb	12054	\$3,525.00	\$130.00	\$85.00	25 lb	12200	\$3,450.00	\$130.00	\$85.00
20 lb	12053	\$2,850.00	\$130.00	\$85.00	20 lb	12199	\$2,775.00	\$130.00	\$85.00
10 lb	12052	\$1,610.00	\$130.00	\$85.00	10 lb	12198	\$1,560.00	\$130.00	\$85.00
5 lb	12050	\$1,200.00	\$130.00	\$85.00	5 lb	12196	\$1,160.00	\$130.00	\$85.00
4 lb	12049	\$1,010.00	\$130.00	\$85.00	4 lb	12195	\$935.00	\$130.00	\$85.00
3 lb	12048	\$775.00	\$130.00	\$85.00	3 lb	12194	\$695.00	\$130.00	\$85.00
2 lb	12047	\$670.00	\$105.00	\$70.00	2 lb	12193	\$640.00	\$105.00	\$70.00
1 lb	12046	\$325.00	\$105.00	\$70.00	1 lb	12192	\$325.00	\$105.00	\$70.00
8 oz	12044	\$295.00	\$55.00	\$45.00	8 oz	12190	\$275.00	\$55.00	\$45.00
0.5 lb	12034	\$290.00	\$55.00	\$45.00	0.5 lb	12180	\$275.00	\$55.00	\$45.00
0.3 lb	118518	\$230.00	\$55.00	\$45.00	0.3 lb	118519	\$220.00	\$55.00	\$45.00
0.2 lb	12033	\$180.00	\$55.00	\$45.00	0.2 lb	12179	\$180.00	\$55.00	\$45.00
0.1 lb	12032	\$135.00	\$55.00	\$45.00	0.1 lb	12178	\$130.00	\$55.00	\$45.00
0.05 lb	12027	\$125.00	\$55.00	\$45.00	0.05 lb	12173	\$125.00	\$55.00	\$45.00
0.03 lb	118514	\$120.00	\$55.00	\$45.00	0.03 lb	118515	\$120.00	\$55.00	\$45.00
0.02 lb	12022	\$120.00	\$55.00	\$45.00	0.02 lb	12168	\$120.00	\$55.00	\$45.00
0.01 lb	12020	\$120.00	\$55.00	\$45.00	0.01 lb	12166	\$120.00	\$55.00	\$45.00
0.005 lb	12013	\$120.00	\$55.00	\$45.00	0.005 lb	12159	\$120.00	\$55.00	\$45.00
0.003 lb	118510	\$120.00	\$55.00	\$45.00	0.003 lb	118511	\$120.00	\$55.00	\$45.00
4 oz	12043	\$150.00	\$55.00	\$45.00	4 oz	12189	\$150.00	\$55.00	\$45.00
2 oz	12042	\$135.00	\$55.00	\$45.00	2 oz	12188	\$130.00	\$55.00	\$45.00
1 oz	12041	\$105.00	\$55.00	\$45.00	1 oz	12187	\$105.00	\$55.00	\$45.00
1/2 oz	12040	\$120.00	\$55.00	\$45.00	1/2 oz	12186	\$120.00	\$55.00	\$45.00
1/4 oz	12039	\$120.00	\$55.00	\$45.00	1/4 oz	12185	\$120.00	\$55.00	\$45.00
1/8 oz	12038	\$120.00	\$55.00	\$45.00	1/8 oz	12184	\$120.00	\$55.00	\$45.00
1/16 oz	12037	\$120.00	\$55.00	\$45.00	1/16 oz	12183	\$120.00	\$55.00	\$45.00

Replacement Cases

Main Cases		
Class 1 and 2 Screw Knob		
Nominal Value	Part #	Price
50 lb	Consult	Consult
30 lb	80743	\$265.00
25 lb	80742	\$265.00
20 lb	80741	\$265.00
10 lb	80740	\$265.00
5 lb	190272	\$40.50
4 lb	190268	\$40.50
3 lb	190265	\$40.50
2 lb	190261	\$40.50
1 lb	189713	\$40.50

Main Cases		
Class 1 and 2 Screw Knob		
Nominal Value	Part #	Price
8 oz	189638	\$40.50
0.5 lb	189638	\$40.50
0.3 lb	189633	\$40.50
0.2 lb	189569	\$44.50
0.1 lb	189508	\$44.50
0.05 lb	189485	\$44.50
0.03 lb	189478	\$44.50
0.02 lb	189460	\$44.50
0.01 lb	189349	\$44.50
0.005 lb	189239	\$44.50

Main Cases		
Class 1 and 2 Screw Knob		
Nominal Value	Part #	Price
0.003 lb	189234	\$44.50
4 oz	189571	\$44.50
2 oz	190126	\$40.50
1 oz	189486	\$44.50
1/2 oz	189478	\$44.50
1/4 oz	189350	\$44.50
1/8 oz	194034	\$42.00
1/16 oz	189237	\$44.50

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 50 lb – 1/16 oz

Class 3			Optional Certificate		Class 4			Optional Certificate
Nominal Value	Part #	Price	Accredited	Non-Accredited	Nominal Value	Part #	Price	Accredited
50 lb	12335	\$5,525.00	\$285.00	\$85.00	50 lb	12438	\$5,450.00	\$80.00
30 lb	12334	\$3,925.00	\$130.00	\$85.00	30 lb	12437	\$3,900.00	\$80.00
25 lb	12333	\$3,325.00	\$130.00	\$85.00	25 lb	12436	\$3,275.00	\$80.00
20 lb	12332	\$2,575.00	\$130.00	\$85.00	20 lb	12435	\$2,550.00	\$80.00
10 lb	12331	\$1,490.00	\$130.00	\$85.00	10 lb	12434	\$1,430.00	\$80.00
5 lb	12330	\$1,130.00	\$130.00	\$85.00	5 lb	12433	\$1,100.00	\$80.00
4 lb	12329	\$925.00	\$130.00	\$85.00	4 lb	12432	\$855.00	\$80.00
3 lb	12328	\$670.00	\$130.00	\$85.00	3 lb	12431	\$650.00	\$80.00
2 lb	12327	\$610.00	\$105.00	\$70.00	2 lb	12430	\$600.00	\$65.00
1 lb	12326	\$305.00	\$105.00	\$70.00	1 lb	12429	\$280.00	\$65.00
8 oz	12325	\$265.00	\$55.00	\$45.00	8 oz	12428	\$260.00	\$40.00
0.5 lb	12316	\$270.00	\$55.00	\$45.00	0.5 lb	12419	\$270.00	\$40.00
0.3 lb	118520	\$180.00	\$55.00	\$45.00	0.3 lb	118521	\$170.00	\$40.00
0.2 lb	12315	\$140.00	\$55.00	\$45.00	0.2 lb	12418	\$135.00	\$40.00
0.1 lb	12314	\$125.00	\$55.00	\$45.00	0.1 lb	12417	\$105.00	\$40.00
0.05 lb	12310	\$120.00	\$55.00	\$45.00	0.05 lb	12413	\$120.00	\$40.00
0.03 lb	118516	\$120.00	\$55.00	\$45.00	0.03 lb	118517	\$120.00	\$40.00
0.02 lb	22185	\$120.00	\$55.00	\$45.00	0.02 lb	12408	\$120.00	\$40.00
0.01 lb	22183	\$120.00	\$55.00	\$45.00	0.01 lb	12406	\$105.00	\$40.00
0.005 lb	12297	\$120.00	\$55.00	\$45.00	0.005 lb	12400	\$105.00	\$40.00
0.003 lb	118512	\$120.00	\$55.00	\$45.00	0.003 lb	118513	\$105.00	\$40.00
4 oz	12324	\$150.00	\$55.00	\$45.00	4 oz	12427	\$130.00	\$40.00
2 oz	12323	\$130.00	\$55.00	\$45.00	2 oz	12426	\$125.00	\$40.00
1 oz	12322	\$98.00	\$55.00	\$45.00	1 oz	12425	\$105.00	\$40.00
1/2 oz	12321	\$120.00	\$55.00	\$45.00	1/2 oz	12424	\$120.00	\$40.00
1/4 oz	12320	\$120.00	\$55.00	\$45.00	1/4 oz	12423	\$120.00	\$40.00
1/8 oz	12319	\$120.00	\$55.00	\$45.00	1/8 oz	12422	\$120.00	\$40.00
1/16 oz	12318	\$120.00	\$55.00	\$45.00	1/16 oz	12421	\$120.00	\$40.00



Replacement Cases

Main Cases		
Class 3 and 4 Screw Knob		
Nominal Value	Part #	Price
50 lb	Consult	Consult
30 lb	80743	\$265.00
25 lb	80742	\$265.00
20 lb	80741	\$265.00
10 lb	80740	\$265.00
5 lb	190272	\$40.50
4 lb	190268	\$40.50
3 lb	190265	\$40.50
2 lb	190261	\$40.50
1 lb	189713	\$40.50

Main Cases		
Class 3 and 4 Screw Knob		
Nominal Value	Part #	Price
8 oz	189638	\$40.50
0.5 lb	189638	\$40.50
0.3 lb	189633	\$40.50
0.2 lb	189569	\$44.50
0.1 lb	189508	\$44.50
0.05 lb	189485	\$44.50
0.03 lb	189478	\$44.50
0.02 lb	189460	\$44.50
0.01 lb	189349	\$44.50
0.005 lb	189239	\$44.50

Main Cases		
Class 3 and 4 Screw Knob		
Nominal Value	Part #	Price
0.003 lb	189234	\$44.50
4 oz	189571	\$44.50
2 oz	190126	\$40.50
1 oz	189486	\$44.50
1/2 oz	189478	\$44.50
1/4 oz	189350	\$44.50
1/8 oz	194034	\$42.00
1/16 oz	189237	\$44.50

MASS REFERENCE STANDARDS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 0.001lb – 1/32 oz

Class 1*Single leaf weights must ship in a vial.***Optional Certificate**

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	12007	\$120.00	\$55.00	\$45.00
0.002lb	12009	\$120.00	\$55.00	\$45.00
1/32 oz	12036	\$120.00	\$55.00	\$45.00

Class 2*Single leaf weights must ship in a vial.***Optional Certificate**

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	12153	\$120.00	\$55.00	\$45.00
0.002lb	12155	\$120.00	\$55.00	\$45.00
1/32 oz	12182	\$120.00	\$55.00	\$45.00

Class 3*Single leaf weights must ship in a vial.***Optional Certificate**

Nominal Value	Part #	Price	Optional Certificate	
			Accredited	Non-Accredited
0.001lb	12291	\$120.00	\$55.00	\$45.00
0.002lb	12293	\$120.00	\$55.00	\$45.00
1/32 oz	12317	\$120.00	\$55.00	\$45.00

Class 4*Single leaf weights must ship in a vial.***Optional Certificate**

Nominal Value	Part #	Price	Optional Certificate
			Accredited
0.001lb	12394	\$98.00	\$40.00
0.002lb	12396	\$98.00	\$40.00
1/32 oz	12420	\$98.00	\$40.00



*Kits Include a
Single Weight with Vial*

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Replacement vial 0.001lb to 1/32 oz	50038	\$5.25
Lifter bar	11747	\$22.25

MASS REFERENCE STANDARDS / METRIC SETS

ESSENTIAL WEIGHT SETS

Class 0

Set Range	Part #	Price
2 g, 200 mg, 1 mg	186177	\$390.00
5 g, 500 mg, 1 mg	186178	\$420.00

Class 1

Set Range	Part #	Price
20 g, 2 g, 20 mg	186179	\$360.00
100 g, 10 g, 20 mg	186180	\$440.00
100 g, 10 g, 200 mg	186181	\$440.00
200 g, 20 g, 20 mg	186182	\$460.00
200 g, 20 g, 200 mg	186183	\$460.00
200 g, 20 g, 2 g	186184	\$480.00
500 g, 50 g, 200 mg	186185	\$610.00
500 g, 50 g, 2 g	186186	\$630.00
1 kg, 100 g, 2 g	186187	\$810.00
1 kg, 100 g, 20 g	186188	\$830.00
2 kg, 200 g, 2 g	186189	\$1,180.00
2 kg, 200 g, 20 g	186190	\$1,200.00
5 kg, 500 g, 2 g	186191	\$1,490.00
5 kg, 500 g, 20 g	186192	\$1,520.00
100 g, 10 g, 2 g	191089	\$480.00
500 g, 50 g, 20 mg	191091	\$690.00
50 g, 5 g, 200 mg	191092	\$470.00
50 g, 5 g, 2 g	191093	\$470.00

Standard Features

- Polished stainless steel Type II design
- Sealing cavity
- Density is approximately 7.95 g/cm³
- Special PVC weight case
- Precision tweezers included
- Configurations are ideal for calibration, shift tests and sensitivity tests
- Other configurations available by special order
- Meets USP-41 requirements for intermediate checks
- Includes ISO 17025 Accredited Certificate of Calibration



200g PVC Set Shown, Other Sets Will Vary

Accessories

Description	Part #	Price
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Lifter bar	11747	\$22.25

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 500 mg

Class 0

Statement of Accuracy not available.

Certificate

Set Range	Part #	Price	Accredited
500 mg - 1 mg	45933	\$2,250.00	Included
500 mg - 1 mg*	96359	\$2,250.00	Included
500 mg - 10 mg	84141	\$1,660.00	Included
500 mg - 10 mg*	98191	\$1,660.00	Included
500 mg - 100 mg	45934	\$1,160.00	Included
500 mg - 100 mg*	96360	\$1,160.00	Included

Class 1

Optional Certificate

Set Range	Part #	Price	Accredited	Non-accredited
500 mg - 1 mg	12445	\$695.00	\$470.00	\$375.00
500 mg - 1 mg*	11910	\$695.00	\$470.00	\$375.00
500 mg - 10 mg	12447	\$515.00	\$310.00	\$250.00
500 mg - 10 mg*	11909	\$515.00	\$310.00	\$250.00
500 mg - 100 mg	45952	\$480.00	\$155.00	\$125.00
500 mg - 100 mg*	45944	\$495.00	\$155.00	\$125.00

Class 2

Optional Certificate

Set Range	Part #	Price	Accredited	Non-accredited
500 mg - 1 mg	11838	\$600.00	\$470.00	\$375.00
500 mg - 1 mg*	12176	\$600.00	\$470.00	\$375.00
500 mg - 10 mg	11848	\$480.00	\$310.00	\$250.00
500 mg - 10 mg*	12175	\$480.00	\$310.00	\$250.00
500 mg - 100 mg	45953	\$420.00	\$155.00	\$125.00
500 mg - 100 mg*	45945	\$420.00	\$155.00	\$125.00

Class 3

Optional Certificate

Set Range	Part #	Price	Accredited	Non-accredited
500 mg - 1 mg	11946	\$580.00	\$470.00	\$375.00
500 mg - 1 mg*	12313	\$580.00	\$470.00	\$375.00
500 mg - 10 mg	11956	\$420.00	\$310.00	\$250.00
500 mg - 10 mg*	12312	\$420.00	\$310.00	\$250.00
500 mg - 100 mg	45954	\$340.00	\$155.00	\$125.00
500 mg - 100 mg*	45946	\$340.00	\$155.00	\$125.00

Class 4

Optional Certificate

Set Range	Part #	Price	Accredited
500 mg - 1 mg	12093	\$365.00	\$280.00
500 mg - 1 mg*	12416	\$365.00	\$280.00
500 mg - 10 mg	12103	\$275.00	\$190.00
500 mg - 10 mg*	12415	\$275.00	\$190.00
500 mg - 100 mg	45955	\$220.00	\$95.00
500 mg - 100 mg*	45947	\$220.00	\$95.00

* 5-2-2-1 configuration

Replacement Cases

Main Cases		
Class 0 (Includes leaf weight lid and slot for tweezer)		
Set Range	Part #	Price
500 mg - 1 mg	34699	\$135.00
500 mg - 1 mg	34699	\$135.00
500 mg - 10 mg	34699	\$135.00
500 mg - 10 mg	34699	\$135.00
500 mg - 100 mg	34699	\$135.00
500 mg - 100 mg	34699	\$135.00

Main Case		
Class 1, 2, 3 and 4 (Includes leaf weight lid and slot for tweezer)		
Set Range	Part #	Price
500 mg - 1 mg	11763	\$90.00
500 mg - 1 mg	11763	\$90.00
500 mg - 10 mg	11763	\$90.00
500 mg - 10 mg	11763	\$90.00
500 mg - 100 mg	11763	\$90.00
500 mg - 100 mg	11763	\$90.00

RANGE: 500 mg

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1	
500 mg - 1 mg	500 mg - 1 mg	500 mg - 10 mg	500 mg - 10 mg	500 mg - 100 mg	500 mg - 100 mg
45933 Class 0	96359 Class 0	84141 Class 0	98191 Class 0	45934 Class 0	96360 Class 0
12445 Class 1	11910 Class 1	12447 Class 1	11909 Class 1	45952 Class 1	45944 Class 1
11838 Class 2	12176 Class 2	11848 Class 2	12175 Class 2	45953 Class 2	45945 Class 2
11946 Class 3	12313 Class 3	11956 Class 3	12312 Class 3	45954 Class 3	45946 Class 3
12093 Class 4	12416 Class 4	12103 Class 4	12415 Class 4	45955 Class 4	45947 Class 4
(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg
(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–
(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg
(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg
(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg		
(1) 30 mg	–	(1) 30 mg	–		
(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg		
(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg		
(1) 5 mg	(1) 5 mg				
(1) 3 mg	–				
(1) 2 mg	(2) 2 mg				
(1) 1 mg	(1) 1 mg				
12 pcs. 1.221g set wt.	12 pcs. 1.11g set wt.	8 pcs. 1.21g set wt.	8 pcs. 1.11g set wt.	4 pcs. 1.1g set wt.	4 pcs. 0.8g set wt.



PN 12093 Set Includes Tweezer and Glove

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 20 g

Class 0*(Statement of Accuracy not available)*

Set Range	Part #	Price
20 g - 1 mg	84154	\$3,075.00
20 g - 5 mg	84149	\$3,300.00
20 g - 10 mg	84148	\$3,050.00
20 g - 100 mg	84146	\$2,290.00
20 g - 1 g	84155	\$1,660.00

Certificate

Accredited
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
20 g - 1 mg	12448	\$1,200.00
20 g - 1 mg*	11908	\$1,200.00
20 g - 5 mg	12450	\$1,030.00
20 g - 5 mg*	11907	\$1,030.00
20 g - 10 mg	12451	\$990.00
20 g - 10 mg*	11906	\$990.00
20 g - 100 mg	84145	\$835.00
20 g - 100 mg*	11905	\$835.00
20 g - 1 g	12452	\$695.00
20 g - 1 g*	11904	\$695.00

Optional Certificate

Accredited	Non-accredited
\$705.00	\$560.00
\$705.00	\$560.00
\$595.00	\$470.00
\$595.00	\$470.00
\$545.00	\$440.00
\$545.00	\$440.00
\$390.00	\$310.00
\$390.00	\$310.00
\$235.00	\$190.00
\$235.00	\$190.00

Class 2

Set Range	Part #	Price
20 g - 1 mg	11853	\$1,000.00
20 g - 1 mg*	12174	\$1,000.00
20 g - 5 mg	11858	\$885.00
20 g - 5 mg*	12172	\$885.00
20 g - 10 mg	11863	\$810.00
20 g - 10 mg*	12171	\$810.00
20 g - 100 mg	84144	\$705.00
20 g - 100 mg*	12170	\$705.00
20 g - 1 g	11868	\$600.00
20 g - 1 g*	12169	\$600.00

Optional Certificate

Accredited	Non-accredited
\$705.00	\$560.00
\$705.00	\$560.00
\$595.00	\$470.00
\$595.00	\$470.00
\$545.00	\$440.00
\$545.00	\$440.00
\$390.00	\$310.00
\$390.00	\$310.00
\$235.00	\$190.00
\$235.00	\$190.00

Class 3

Set Range	Part #	Price
20 g - 1 mg	11961	\$905.00
20 g - 1 mg*	12311	\$905.00
20 g - 5 mg	11966	\$815.00
20 g - 5 mg*	12309	\$815.00
20 g - 10 mg	11971	\$735.00
20 g - 10 mg*	22188	\$735.00
20 g - 100 mg	84143	\$660.00
20 g - 100 mg*	22187	\$660.00
20 g - 1 g	11976	\$520.00
20 g - 1 g*	22186	\$520.00

Optional Certificate

Accredited	Non-accredited
\$705.00	\$560.00
\$705.00	\$560.00
\$595.00	\$470.00
\$595.00	\$470.00
\$545.00	\$440.00
\$545.00	\$440.00
\$390.00	\$310.00
\$390.00	\$310.00
\$235.00	\$190.00
\$235.00	\$190.00

Class 4

Set Range	Part #	Price
20 g - 1 mg	12108	\$685.00
20 g - 1 mg*	12414	\$685.00
20 g - 5 mg	12113	\$640.00
20 g - 5 mg*	12412	\$640.00
20 g - 10 mg	12118	\$610.00
20 g - 10 mg*	12411	\$610.00
20 g - 100 mg	84142	\$510.00
20 g - 100 mg*	12410	\$510.00
20 g - 1 g	12123	\$415.00
20 g - 1 g*	12409	\$415.00

Optional Certificate

Accredited
\$430.00
\$430.00
\$355.00
\$355.00
\$325.00
\$325.00
\$235.00
\$235.00
\$140.00
\$140.00

* 5-2-2-1 configuration



PN 12108 Set Includes Lifting Device, Glove and Case

RANGE: 20 g

ASTM
PRECISION

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1	
20g - 1mg	20g - 1mg	20g - 5mg	20g - 5mg	20g - 10mg	20g - 10mg	20g - 100mg	20g - 100mg	20g - 1g	20g - 1g
84154 Class 0	–	84149 Class 0	–	84148 Class 0	–	84146 Class 0	–	84155 Class 0	–
12448 Class 1	11908 Class 1	12450 Class 1	11907 Class 1	12451 Class 1	11906 Class 1	84145 Class 1	11905 Class 1	12452 Class 1	11904 Class 1
11853 Class 2	12174 Class 2	11858 Class 2	12172 Class 2	11863 Class 2	12171 Class 2	84144 Class 2	12170 Class 2	11868 Class 2	12169 Class 2
11961 Class 3	12311 Class 3	11966 Class 3	12309 Class 3	11971 Class 3	22188 Class 3	84143 Class 3	22187 Class 3	11976 Class 3	22186 Class 3
12108 Class 4	12414 Class 4	12113 Class 4	12412 Class 4	12118 Class 4	12411 Class 4	84142 Class 4	12410 Class 4	12123 Class 4	12409 Class 4
(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g	(1) 20 g
(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 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	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g
(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–
(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g
(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 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	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg
(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–
(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg
(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg
(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg
(1) 30 mg	–	(1) 30 mg	–	(1) 30 mg	–	(1) 30 mg	–	(1) 30 mg	–
(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg
(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg
(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg
(1) 3 mg	–	(1) 3 mg	–	(1) 3 mg	–	(1) 3 mg	–	(1) 3 mg	–
(1) 2 mg	(2) 2 mg	(1) 2 mg	(2) 2 mg	(1) 2 mg	(2) 2 mg	(1) 2 mg	(2) 2 mg	(1) 2 mg	(2) 2 mg
(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg	(1) 1 mg
18 pcs. 42.221g set wt.	18 pcs. 42.221g set wt.	15 pcs. 42.215g set wt.	15 pcs. 42.215g set wt.	14 pcs. 42.421g set wt.	14 pcs. 41.1g set wt.	10 pcs. 41g set wt.	10 pcs. 41g set wt.	6 pcs. 41g set wt.	6 pcs. 40g set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
20 g - 1mg	49503	\$265.00
20 g - 5 mg	49503	\$265.00
20 g - 10 mg	49503	\$265.00
20 g - 100 mg	49503	\$265.00
20 g - 1g	49503	\$265.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
20 g - 1mg	11596	\$190.00
20 g - 1mg	11588	\$190.00
20 g - 5 mg	11596	\$190.00
20 g - 5 mg	11588	\$190.00
20 g - 10 mg	11596	\$190.00
20 g - 10 mg	11588	\$190.00
20 g - 100 mg	11596	\$190.00
20 g - 100 mg	11588	\$190.00
20 g - 1g	11596	\$190.00
20 g - 1g	11588	\$190.00

Accessories

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

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 50 g

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
50 g - 1 mg	84177	\$3,975.00
50 g - 5 mg	84176	\$3,725.00
50 g - 10 mg	84164	\$3,375.00
50 g - 100 mg	84163	\$2,550.00
50 g - 1 g	84178	\$1,990.00

Certificate

Accredited
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
50 g - 1 mg	12453	\$1,180.00
50 g - 1 mg*	11903	\$1,180.00
50 g - 5 mg	12454	\$1,100.00
50 g - 5 mg*	11902	\$1,100.00
50 g - 10 mg	12455	\$1,040.00
50 g - 10 mg*	11900	\$1,040.00
50 g - 100 mg	84159	\$900.00
50 g - 100 mg*	11899	\$900.00
50 g - 1 g	12456	\$750.00
50 g - 1 g*	11898	\$765.00

Optional Certificate

Accredited	Non-accredited
\$790.00	\$630.00
\$790.00	\$630.00
\$670.00	\$530.00
\$670.00	\$530.00
\$630.00	\$500.00
\$630.00	\$500.00
\$470.00	\$375.00
\$470.00	\$375.00
\$310.00	\$250.00
\$310.00	\$250.00

Class 2

Set Range	Part #	Price
50 g - 1 mg	11873	\$1,040.00
50 g - 1 mg*	12167	\$1,040.00
50 g - 5 mg	11879	\$945.00
50 g - 5 mg*	12165	\$945.00
50 g - 10 mg	11880	\$900.00
50 g - 10 mg*	12163	\$900.00
50 g - 100 mg	84160	\$720.00
50 g - 100 mg*	12162	\$720.00
50 g - 1 g	11890	\$650.00
50 g - 1 g*	12161	\$650.00

Optional Certificate

Accredited	Non-accredited
\$790.00	\$630.00
\$790.00	\$630.00
\$670.00	\$530.00
\$670.00	\$530.00
\$630.00	\$500.00
\$630.00	\$500.00
\$470.00	\$375.00
\$470.00	\$375.00
\$310.00	\$250.00
\$310.00	\$250.00

Class 3

Set Range	Part #	Price
50 g - 1 mg	11982	\$975.00
50 g - 1 mg*	22288	\$975.00
50 g - 5 mg	11988	\$860.00
50 g - 5 mg*	22182	\$860.00
50 g - 10 mg	11989	\$825.00
50 g - 10 mg*	22181	\$825.00
50 g - 100 mg	84161	\$685.00
50 g - 100 mg*	12300	\$685.00
50 g - 1 g	12004	\$595.00
50 g - 1 g*	12299	\$595.00

Optional Certificate

Accredited	Non-accredited
\$790.00	\$630.00
\$790.00	\$630.00
\$670.00	\$530.00
\$670.00	\$530.00
\$630.00	\$500.00
\$630.00	\$500.00
\$470.00	\$375.00
\$470.00	\$375.00
\$310.00	\$250.00
\$310.00	\$250.00

Class 4

Set Range	Part #	Price
50 g - 1 mg	12128	\$825.00
50 g - 1 mg*	12407	\$825.00
50 g - 5 mg	12134	\$755.00
50 g - 5 mg*	12405	\$755.00
50 g - 10 mg	12135	\$725.00
50 g - 10 mg*	12404	\$725.00
50 g - 100 mg	84162	\$620.00
50 g - 100 mg*	12403	\$620.00
50 g - 1 g	12150	\$520.00
50 g - 1 g*	12402	\$520.00

Optional Certificate

Accredited
\$475.00
\$475.00
\$400.00
\$400.00
\$380.00
\$380.00
\$280.00
\$280.00
\$190.00
\$190.00

* 5-2-2-1 configuration



PN 12453 Set Includes Lifting Device, Glove and Case

RANGE: 50 g

ASTM
PRECISION

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1	
50 g - 1mg	50 g - 1mg	50 g - 5mg	50 g - 5mg	50 g - 10mg	50 g - 10mg	50 g - 100mg	50 g - 100mg	50 g - 1g	50 g - 1g
84177 Class 0	–	84176 Class 0	–	84164 Class 0	–	84163 Class 0	–	84178 Class 0	–
12453 Class 1	11903 Class 1	12454 Class 1	11902 Class 1	12455 Class 1	11900 Class 1	84159 Class 1	11899 Class 1	12456 Class 1	11898 Class 1
11873 Class 2	12167 Class 2	11879 Class 2	12165 Class 2	11880 Class 2	12163 Class 2	84160 Class 2	12162 Class 2	11890 Class 2	12161 Class 2
11982 Class 3	22288 Class 3	11988 Class 3	22182 Class 3	11989 Class 3	22181 Class 3	84161 Class 3	12300 Class 3	12004 Class 3	12299 Class 3
12128 Class 4	12407 Class 4	12134 Class 4	12405 Class 4	12135 Class 4	12404 Class 4	84162 Class 4	12403 Class 4	12150 Class 4	12402 Class 4
(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g
(1) 30 g	–	(1) 30 g	–	(1) 30 g	–	(1) 30 g	–	(1) 30 g	–
(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g
(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 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	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g
(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–
(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g
(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 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	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	
(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–		
(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg		
(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg		
(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg				
(1) 30 mg	–	(1) 30 mg	–	(1) 30 mg	–				
(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg				
(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg				
(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg						
(1) 3 mg	–								
(1) 2 mg	(2) 2 mg								
(1) 1 mg	(1) 1 mg								
20 pcs. 122.221g set wt.	20 pcs. 111.11g set wt.	17 pcs. 122.215g set wt.	17 pcs. 111.105g set wt.	16 pcs. 122.21g set wt.	16 pcs. 111.1g set wt.	12 pcs. 122.1g set wt.	12 pcs. 111g set wt.	8 pcs. 121g set wt.	8 pcs. 110g set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
50 g - 1mg	49503	\$265.00
50 g - 5mg	49503	\$265.00
50 g - 10mg	49503	\$265.00
50 g - 100mg	49503	\$265.00
50 g - 1g	49503	\$265.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
50 g - 1mg	11596	\$190.00
50 g - 1mg	11588	\$190.00
50 g - 5mg	11596	\$190.00
50 g - 5mg	11588	\$190.00
50 g - 10mg	11596	\$190.00
50 g - 10mg	11588	\$190.00
50 g - 100mg	11596	\$190.00
50 g - 100mg	11588	\$190.00
50 g - 1g	11596	\$190.00
50 g - 1g	11588	\$190.00

Accessories

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

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 100 g

Class 0

Statement of Accuracy not available

Set Range	Part #	Price
100 g - 1 mg	45930	\$4,375.00
100 g - 5 mg	84211	\$3,825.00
100 g - 10 mg	84212	\$3,525.00
100 g - 100 mg	45931	\$2,925.00
100 g - 1 g	45932	\$2,120.00

Certificate

Accredited
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
100 g - 1 mg	12457	\$1,280.00
100 g - 1 mg*	11897	\$1,280.00
100 g - 5 mg	11911	\$1,140.00
100 g - 5 mg*	11896	\$1,140.00
100 g - 10 mg	12460	\$1,120.00
100 g - 10 mg*	11895	\$1,120.00
100 g - 100 mg	45956	\$905.00
100 g - 100 mg*	45948	\$905.00
100 g - 1 g	12461	\$815.00
100 g - 1 g*	11894	\$815.00

Optional Certificate

Accredited	Non-accredited
\$830.00	\$620.00
\$830.00	\$620.00
\$705.00	\$540.00
\$705.00	\$540.00
\$670.00	\$530.00
\$670.00	\$530.00
\$510.00	\$405.00
\$510.00	\$405.00
\$355.00	\$280.00
\$355.00	\$280.00

Class 2

Set Range	Part #	Price
100 g - 1 mg	11901	\$1,120.00
100 g - 1 mg*	12160	\$1,120.00
100 g - 5 mg	12158	\$995.00
100 g - 5 mg*	-	Consult
100 g - 10 mg	11912	\$975.00
100 g - 10 mg*	12157	\$975.00
100 g - 100 mg	45957	\$945.00
100 g - 100 mg*	45949	\$945.00
100 g - 1 g	11913	\$815.00
100 g - 1 g*	12156	\$805.00

Optional Certificate

Accredited	Non-accredited
\$830.00	\$620.00
\$830.00	\$620.00
\$705.00	\$540.00
\$705.00	\$540.00
\$670.00	\$530.00
\$670.00	\$530.00
\$510.00	\$405.00
\$510.00	\$405.00
\$355.00	\$280.00
\$355.00	\$280.00

Class 3

Set Range	Part #	Price
100 g - 1 mg	12018	\$1,050.00
100 g - 1 mg*	12298	\$1,050.00
100 g - 5 mg	12031	\$930.00
100 g - 5 mg*	12296	\$930.00
100 g - 10 mg	12035	\$925.00
100 g - 10 mg*	12295	\$925.00
100 g - 100 mg	45958	\$880.00
100 g - 100 mg*	45950	\$880.00
100 g - 1 g	12045	\$785.00
100 g - 1 g*	12294	\$785.00

Optional Certificate

Accredited	Non-accredited
\$830.00	\$620.00
\$830.00	\$620.00
\$705.00	\$540.00
\$705.00	\$540.00
\$670.00	\$530.00
\$670.00	\$530.00
\$510.00	\$405.00
\$510.00	\$405.00
\$355.00	\$280.00
\$355.00	\$280.00

Class 4

Set Range	Part #	Price
100 g - 1 mg	12164	\$960.00
100 g - 1 mg*	12401	\$960.00
100 g - 5 mg	12177	\$930.00
100 g - 5 mg*	12399	\$930.00
100 g - 10 mg	12181	\$925.00
100 g - 10 mg*	12398	\$925.00
100 g - 100 mg	45959	\$780.00
100 g - 100 mg*	45951	\$780.00
100 g - 1 g	12191	\$680.00
100 g - 1 g*	12397	\$680.00

Optional Certificate

Accredited
\$505.00
\$505.00
\$430.00
\$430.00
\$395.00
\$395.00
\$305.00
\$305.00
\$215.00
\$215.00

* 5-2-2-1 configuration



PN 12457 Set Includes Lifting Device, Glove and Case

RANGE: 100 g

ASTM
PRECISION

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1	
100 g - 1mg	100 g - 1mg	100 g - 5mg	100 g - 5mg	100 g - 10mg	100 g - 10mg	100 g - 100mg	100 g - 100mg	100 g - 1g	100 g - 1g
45930 Class 0	–	84211 Class 0	–	84212 Class 0	–	45931 Class 0	–	45932 Class 0	–
12457 Class 1	11897 Class 1	11911 Class 1	11896 Class 1	12460 Class 1	11895 Class 1	45956 Class 1	45948 Class 1	12461 Class 1	11894 Class 1
11901 Class 2	12160 Class 2	12158 Class 2	–	11912 Class 2	12157 Class 2	45957 Class 2	45949 Class 2	11913 Class 2	12156 Class 2
12018 Class 3	12298 Class 3	12031 Class 3	12296 Class 3	12035 Class 3	12295 Class 3	45958 Class 3	45950 Class 3	12045 Class 3	12294 Class 3
12164 Class 4	12401 Class 4	12177 Class 4	12399 Class 4	12181 Class 4	12398 Class 4	45959 Class 4	45951 Class 4	12191 Class 4	12397 Class 4
(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) 100 g	(1) 100 g
(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g
(1) 30 g	–	(1) 30 g	–	(1) 30 g	–	(1) 30 g	–	(1) 30 g	–
(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g
(1) 10 g	(1) 10 g	(1) 10 g	(1) 10 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	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g
(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–
(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g
(1) 1 g	(1) 1 g	(1) 1 g	(1) 1 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	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	(1) 500 mg	
(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	–	(1) 300 mg	
(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	
(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	
(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg				
(1) 30 mg	–	(1) 30 mg	–	(1) 30 mg	–				
(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg				
(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg				
(1) 5 mg	(1) 5 mg	(1) 5 mg	(1) 5 mg						
(1) 3 mg	–								
(1) 2 mg	(2) 2 mg								
(1) 1 mg	(1) 1 mg								
21 pcs. 222.221g set wt.	21 pcs. 211.11g set wt.	18 pcs. 222.215g set wt.	18 pcs. 211.085g set wt.	17 pcs. 222.21g set wt.	17 pcs. 211.1g set wt.	13 pcs. 222.1g set wt.	13 pcs. 211g set wt.	9 pcs. 221g set wt.	9 pcs. 210g set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
100 g - 1mg	49503	\$265.00
100 g - 5mg	49503	\$265.00
100 g - 10mg	49503	\$265.00
100 g - 100mg	49503	\$265.00
100 g - 1g	49503	\$265.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g - 1mg	11596	\$190.00
100 g - 1mg	11588	\$190.00
100 g - 5mg	11596	\$190.00
100 g - 5mg	11588	\$190.00
100 g - 10mg	11596	\$190.00
100 g - 10mg	11588	\$190.00
100 g - 100mg	11596	\$190.00
100 g - 100mg	11588	\$190.00
100 g - 1g	11596	\$190.00
100 g - 1g	11588	\$190.00

Accessories

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

ACCESSORIES

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 200 g

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
200 g - 1mg	45927	\$4,825.00
200 g - 1mg*	156298	\$4,825.00
(2) 200 g - 1mg*	87039	\$5,375.00
200 g - 10 mg	84213	\$4,350.00
(2) 200 g - 10 mg*	87038	\$4,650.00
200 g - 100 mg	45928	\$3,775.00
(2) 200 g - 100 mg*	87037	\$4,025.00
200 g - 1g	45929	\$2,525.00
(2) 200 g - 1g*	87040	\$3,000.00

Certificate

Accredited
Included
Included
Included
Included
Included
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
200 g - 1mg	12462	\$1,360.00
200 g - 1mg*	156299	\$1,360.00
(2) 200 g - 1mg*	87053	\$1,440.00
200 g - 10 mg	12467	\$1,240.00
(2) 200 g - 10 mg*	87049	\$1,420.00
200 g - 100 mg	45960	\$1,200.00
(2) 200 g - 100 mg*	87045	\$1,370.00
200 g - 1g	12468	\$1,010.00
200 g - 1g*	11893	\$1,010.00
(2) 200 g - 1g*	87057	\$1,160.00

Optional Certificate

Accredited	Non-accredited
\$930.00	\$660.00
\$930.00	\$660.00
\$1,020.00	\$675.00
\$770.00	\$535.00
\$870.00	\$625.00
\$610.00	\$450.00
\$700.00	\$495.00
\$450.00	\$325.00
\$450.00	\$325.00
\$540.00	\$370.00

Class 2

Set Range	Part #	Price
200 g - 1mg	11914	\$1,310.00
200 g - 1mg*	156300	\$1,310.00
(2) 200 g - 1mg*	87054	\$1,360.00
200 g - 10 mg	11916	\$1,070.00
(2) 200 g - 10 mg*	87050	\$1,330.00
200 g - 100 mg	45961	\$1,020.00
(2) 200 g - 100 mg*	87046	\$1,300.00
200 g - 1g	11917	\$945.00
200 g - 1g*	12154	\$945.00
(2) 200 g - 1g*	87058	\$980.00

Optional Certificate

Accredited	Non-accredited
\$930.00	\$660.00
\$930.00	\$660.00
\$1,020.00	\$675.00
\$770.00	\$535.00
\$870.00	\$625.00
\$610.00	\$450.00
\$700.00	\$495.00
\$450.00	\$325.00
\$450.00	\$325.00
\$540.00	\$370.00

Class 3

Set Range	Part #	Price
200 g - 1mg	12051	\$1,290.00
200 g - 1mg*	156301	\$1,290.00
(2) 200 g - 1mg*	87055	\$1,360.00
200 g - 10 mg	12064	\$1,040.00
(2) 200 g - 10 mg*	87051	\$1,300.00
200 g - 100 mg	45962	\$945.00
(2) 200 g - 100 mg*	87047	\$1,290.00
200 g - 1g	12065	\$935.00
200 g - 1g*	12292	\$935.00
(2) 200 g - 1g*	87059	\$975.00

Optional Certificate

Accredited	Non-accredited
\$930.00	\$660.00
\$930.00	\$660.00
\$1,020.00	\$675.00
\$770.00	\$535.00
\$870.00	\$625.00
\$610.00	\$450.00
\$700.00	\$495.00
\$450.00	\$325.00
\$450.00	\$325.00
\$540.00	\$370.00

Class 4

Set Range	Part #	Price
200 g - 1mg	12197	\$1,010.00
200 g - 1mg*	156302	\$1,010.00
(2) 200 g - 1mg*	87056	\$1,100.00
200 g - 10 mg	12210	\$965.00
(2) 200 g - 10 mg*	87052	\$1,050.00
200 g - 100 mg	45963	\$865.00
(2) 200 g - 100 mg*	87048	\$1,010.00
200 g - 1g	12211	\$735.00
200 g - 1g*	12395	\$735.00
(2) 200 g - 1g*	87060	\$860.00

Optional Certificate

Accredited
\$530.00
\$530.00
\$560.00
\$440.00
\$470.00
\$340.00
\$375.00
\$245.00
\$245.00
\$280.00

Weight Set Contents

5-2-2-1

200 g - 1 mg		200 g - 1 mg	
45927 Class 0		156298 Class 0	
12462 Class 1		156299 Class 1	
11914 Class 2		156300 Class 2	
12051 Class 3		156301 Class 3	
12197 Class 4		156302 Class 4	
(1) 200 g		(1) 200 g	
(1) 100 g		(1) 100 g	
(1) 50 g		(1) 50 g	
(1) 30 g		-	
(1) 20 g		(2) 20 g	
(1) 10 g		(1) 10 g	
(1) 5 g		(1) 5 g	
(1) 3 g		-	
(1) 2 g		(2) 2 g	
(1) 1 g		(1) 1 g	
(1) 500 mg		(1) 500 mg	
(1) 300 mg		-	
(1) 200 mg		(2) 200 mg	
(1) 100 mg		(1) 100 mg	
(1) 50 mg		(1) 50 mg	
(1) 30 mg		-	
(1) 20 mg		(2) 20 mg	
(1) 10 mg		(1) 10 mg	
(1) 5 mg		(1) 5 mg	
(1) 3 mg		-	
(1) 2 mg		(2) 2 mg	
(1) 1 mg		(1) 1 mg	
22 pcs. 422.221g set wt.		22 pcs. 422.221g set wt.	



PN 12462 Set Includes Lifting Device, Glove and Case

* 5-2-2-1 configuration

RANGE: 200 g

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1	
(2) 200 g - 1mg		200 g - 10 mg		(2) 200 g - 10 mg		200 g - 100 mg		(2) 200 g - 100 mg		200 g - 1g	
87039 Class 0	84213 Class 0	87038 Class 0	45928 Class 0	87037 Class 0	45929 Class 0	–	87040 Class 0	87053 Class 1	12467 Class 1	87049 Class 1	45960 Class 1
87054 Class 2	11916 Class 2	87050 Class 2	45961 Class 2	87045 Class 1	12468 Class 1	11893 Class 1	87057 Class 1	87054 Class 2	11917 Class 2	87050 Class 2	45961 Class 2
87055 Class 3	12064 Class 3	87051 Class 3	45962 Class 3	87046 Class 2	11917 Class 2	12154 Class 2	87058 Class 2	87055 Class 3	12065 Class 3	87051 Class 3	45962 Class 3
87056 Class 4	12210 Class 4	87052 Class 4	45963 Class 4	87047 Class 3	12065 Class 3	12292 Class 3	87059 Class 3	87056 Class 4	12211 Class 4	87052 Class 4	45963 Class 4
(2) 200 g	(1) 200 g	(2) 200 g	(1) 200 g	(2) 200 g	(1) 200 g	(1) 200 g	(2) 200 g	(1) 200 g	(1) 200 g	(1) 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) 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	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g	(1) 50 g
–	(1) 30 g	–	(1) 30 g	–	(1) 30 g	–	–	–	–	–	–
(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(2) 20 g	(2) 20 g	(2) 20 g	(1) 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) 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	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g	(1) 5 g
–	(1) 3 g	–	(1) 3 g	–	(1) 3 g	–	–	–	–	–	–
(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(2) 2 g	(1) 2 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) 1 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	(1) 500 mg	(1) 500 mg	(1) 500 mg	–	–	–	–	–	–
–	(1) 300 mg	–	(1) 300 mg	–	–	–	–	–	–	–	–
(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(1) 200 mg	(2) 200 mg	(2) 200 mg	(2) 200 mg	(2) 200 mg	(2) 200 mg	(2) 200 mg
(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg	(1) 100 mg
(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	(1) 50 mg	–	–	–	–	–	–
–	(1) 30 mg	–	–	–	–	–	–	–	–	–	–
(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	(2) 20 mg	(1) 20 mg	–	–	–	–	–	–
(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	(1) 10 mg	–	–	–	–	–	–
(1) 5 mg	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
(2) 2 mg	–	–	–	–	–	–	–	–	–	–	–
(1) 1 mg	–	–	–	–	–	–	–	–	–	–	–
23 pcs. 622.221g set wt.	18 pcs. 422.210g set wt.	19 pcs. 611.1g set wt.	14 pcs. 422.19g set wt.	15 pcs. 611g set wt.	10 pcs. 421g set wt.	10 pcs. 410g set wt.	11 pcs. 610g set wt.				

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 0, 1, 2, 3 and 4		
Set Range	Part #	Price
200 g - 1mg	34645	\$350.00
200 g - 1mg	34645	\$350.00
(2) 200 g - 1mg	34645	\$350.00
200 g - 10 mg	34645	\$350.00
(2) 200 g - 10 mg	34645	\$350.00
200 g - 100 mg	34645	\$350.00
(2) 200 g - 100 mg	34645	\$350.00
200 g - 1g	34645	\$350.00
(2) 200 g - 1g	34645	\$350.00

Inserts		
Class 0		
Set Range	Part #	Price
200 g - 1mg	50431	\$135.00
(2) 200 g - 1mg	84473	\$420.00
(2) 200 g - 10 mg	84473	\$420.00
(2) 200 g - 100 mg	84473	\$420.00
200 g - 1g	50430	\$135.00
(2) 200 - 1g	84472	\$420.00

Inserts		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
200 g - 1mg	11601	\$205.00
(2) 200 g - 1g	84465	\$205.00
(2) 200 g - 1mg	84464	\$205.00
200 g - 1g*	11587	\$205.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 300 g and 500 g

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
500 g - 1mg	45923	\$6,050.00
500 g - 100 mg	45924	\$4,775.00
500 g - 1g	45925	\$3,950.00
500 g - 100 g	45926	\$2,470.00

Certificate

Accredited
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
300 g - 1g	11892	\$1,700.00
500 g - 1mg	12469	\$2,825.00
500 g - 100 mg	45964	\$2,775.00
500 g - 1g	12472	\$1,850.00
500 g - 1g*	11891	\$1,850.00
500 g - 100 g	45968	\$1,310.00

Optional Certificate

Accredited	Non-accredited
\$540.00	\$370.00
\$1,120.00	\$535.00
\$800.00	\$410.00
\$640.00	\$410.00
\$640.00	\$165.00
\$325.00	\$165.00

Class 2

Set Range	Part #	Price
300 g - 1g	12152	\$1,560.00
500 g - 1mg	11918	\$2,170.00
500 g - 100 mg	45965	\$2,040.00
500 g - 1g	11921	\$1,700.00
500 g - 1g*	12151	\$1,700.00
500 g - 100 g	45969	\$1,200.00

Optional Certificate

Accredited	Non-accredited
\$540.00	\$370.00
\$1,120.00	\$715.00
\$800.00	\$535.00
\$640.00	\$410.00
\$640.00	\$395.00
\$325.00	\$165.00

Class 3

Set Range	Part #	Price
300 g - 1g	12290	\$1,500.00
500 g - 1mg	12066	\$2,120.00
500 g - 100 mg	45966	\$1,940.00
500 g - 1g	12069	\$1,650.00
500 g - 1g*	12289	\$1,650.00
500 g - 100 g	45970	\$1,180.00

Optional Certificate

Accredited	Non-accredited
\$540.00	\$370.00
\$1,120.00	\$715.00
\$800.00	\$535.00
\$640.00	\$410.00
\$640.00	\$395.00
\$325.00	\$165.00

Class 4

Set Range	Part #	Price
300 g - 1g	12393	\$1,380.00
500 g - 1mg	12212	\$1,940.00
500 g - 100 mg	45967	\$1,730.00
500 g - 1g	12215	\$1,530.00
500 g - 1g*	12392	\$1,530.00
500 g - 100 g	45971	\$1,010.00

Optional Certificate

Accredited
\$280.00
\$605.00
\$375.00
\$310.00
\$310.00
\$125.00

* 5-2-2-1 configuration



PN 12151 Set Includes Lifting Device, Glove and Case (500 g to 1 g)

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
500 g - 1mg	34645	\$350.00
500 g - 100 mg	34645	\$350.00
500 g - 1g	34645	\$350.00
500 g - 100 g	34645	\$350.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
300 g - 1g	34645	\$350.00
500 g - 1mg	34645	\$350.00
500 g - 100 mg	34645	\$350.00
500 g - 1g	34645	\$350.00
500 g - 1g	34645	\$350.00
500 g - 100 g	34645	\$350.00

Inserts		
Class 0		
Set Range	Part #	Price
500 g - 1mg	49500	\$275.00
500 g - 100 g	49501	\$220.00

Inserts		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
300 g - 1g	11586	\$205.00
500 g - 1mg	11602	\$205.00
500 g - 1g*	11585	\$205.00

* 5-2-2-1 configuration

RANGE: 300 g and 500 g

Weight Set Contents

5-2-2-1

300 g - 1g	500 g - 1mg	500 g - 100 mg	500 g - 1g	500 g - 1g	500 g - 100 g
–	45923 Class 0	45924 Class 0	45925 Class 0	–	45926 Class 0
11892 Class 1	12469 Class 1	45964 Class 1	12472 Class 1	11891 Class 1	45968 Class 1
12152 Class 2	11918 Class 2	45965 Class 2	11921 Class 2	12151 Class 2	45969 Class 2
12290 Class 3	12066 Class 3	45966 Class 3	12069 Class 3	12289 Class 3	45970 Class 3
12393 Class 4	12212 Class 4	45967 Class 4	12215 Class 4	12392 Class 4	45971 Class 4
–	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g
(1) 300 g	(1) 300 g	(1) 300 g	(1) 300 g	–	(1) 300 g
(1) 200 g	(1) 200 g	(1) 200 g	(1) 200 g	(2) 200 g	(1) 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	
(1) 30 g	(1) 30 g	(1) 30 g	(1) 30 g	–	
(1) 20 g	(1) 20 g	(1) 20 g	(1) 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	
(1) 3 g	(1) 3 g	(1) 3 g	(1) 3 g	–	
(1) 2 g	(1) 2 g	(1) 2 g	(1) 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) 300 mg	(1) 300 mg			
	(1) 200 mg	(1) 200 mg			
	(1) 100 mg	(1) 100 mg			
	(1) 50 mg				
	(1) 30 mg				
	(1) 20 mg				
	(1) 10 mg				
	(1) 5 mg				
	(1) 3 mg				
	(1) 2 mg				
	(1) 1 mg				
11 pcs. 721g set wt.	24 pcs. 1.222221 kg set wt.	16 pcs. 1.2221 kg set wt.	12 pcs. 1.221 kg set wt.	12 pcs. 1.10 kg set wt.	4 pcs. 1.1 kg set wt.

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 1kg

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
1kg - 1mg	45919	\$6,975.00
1kg - 100 mg	45920	\$5,750.00
1kg - 1g	45921	\$4,850.00
1kg - 100 g	45922	\$3,550.00

Certificate

Accredited
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
1kg - 1mg	12473	\$3,350.00
1kg - 100 mg	45972	\$3,275.00
1kg - 1g	12476	\$2,975.00
1kg - 1g*	11889	\$2,975.00
1kg - 100 g	45976	\$2,725.00

Optional Certificate

Accredited	Non-accredited
\$1,210.00	\$765.00
\$900.00	\$525.00
\$730.00	\$455.00
\$730.00	\$455.00
\$415.00	\$205.00

Class 2

Set Range	Part #	Price
1kg - 1mg	11922	\$3,050.00
1kg - 100 mg	45973	\$3,025.00
1kg - 1g	11925	\$2,875.00
1kg - 1g*	12149	\$2,875.00
1kg - 100 g	45977	\$2,625.00

Optional Certificate

Accredited	Non-accredited
\$1,210.00	\$765.00
\$900.00	\$525.00
\$730.00	\$455.00
\$730.00	\$455.00
\$415.00	\$205.00

Class 3

Set Range	Part #	Price
1kg - 1mg	12070	\$3,025.00
1kg - 100 mg	45974	\$2,975.00
1kg - 1g	12073	\$2,750.00
1kg - 1g*	12288	\$2,750.00
1kg - 100 g	45978	\$2,575.00

Optional Certificate

Accredited	Non-accredited
\$1,210.00	\$765.00
\$900.00	\$525.00
\$730.00	\$455.00
\$730.00	\$455.00
\$415.00	\$205.00

Class 4

Set Range	Part #	Price
1kg - 1mg	12216	\$2,800.00
1kg - 100 mg	45975	\$2,750.00
1kg - 1g	12219	\$2,675.00
1kg - 1g*	12391	\$2,575.00
1kg - 100 g	45979	\$2,280.00

Optional Certificate

Accredited
\$630.00
\$445.00
\$350.00
\$350.00
\$155.00

* 5-2-2-1 configuration



PN 12473 Set Includes Lifting Device, Glove and Case (1 kg to 1 mg)

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
1kg - 1mg	50437	\$1,920.00
1kg - 100 mg	50437	\$1,920.00
1kg - 1g	50437	\$1,920.00
1kg - 100 g	50437	\$1,920.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
1kg - 1mg	11603	\$1,920.00
1kg - 100 mg	11603	\$1,920.00
1kg - 1g	11603	\$1,920.00
1kg - 1g	11584	\$1,660.00
1kg - 100 g	11603	\$1,920.00

Secondary Case		
Class 0		
Set Range	Part #	Price
100 g - 1mg	49503	\$265.00

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g - 1mg	11596	\$190.00
100 g - 1mg*	11588	\$190.00

* 5-2-2-1 configuration

RANGE: 1kg

ASTM
PRECISION

Weight Set Contents

5-2-2-1				
1kg - 1mg	1kg - 100 mg	1kg - 1g	1kg - 1g	1kg - 100 g
45919 Class 0	45920 Class 0	45921 Class 0	–	45922 Class 0
12473 Class 1	45972 Class 1	12476 Class 1	11889 Class 1	45976 Class 1
11922 Class 2	45973 Class 2	11925 Class 2	12149 Class 2	45977 Class 2
12070 Class 3	45974 Class 3	12073 Class 3	12288 Class 3	45978 Class 3
12216 Class 4	45975 Class 4	12219 Class 4	12391 Class 4	45979 Class 4
(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg
(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g
(1) 300g	(1) 300g	(1) 300g	–	(1) 300g
(1) 200g	(1) 200g	(1) 200g	(2) 200g	(1) 200g
(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g
(1) 50g	(1) 50g	(1) 50g	(1) 50g	
(1) 30g	(1) 30g	(1) 30g	–	
(1) 20g	(1) 20g	(1) 20g	(2) 20g	
(1) 10g	(1) 10g	(1) 10g	(1) 10g	
(1) 5g	(1) 5g	(1) 5g	(1) 5g	
(1) 3g	(1) 3g	(1) 3g	–	
(1) 2g	(1) 2g	(1) 2g	(2) 2g	
(1) 1g	(1) 1g	(1) 1g	(1) 1g	
(1) 500 mg	(1) 500 mg			
(1) 300 mg	(1) 300 mg			
(1) 200 mg	(1) 200 mg			
(1) 100 mg	(1) 100 mg			
(1) 50 mg				
(1) 30 mg				
(1) 20 mg				
(1) 10 mg				
(1) 5 mg				
(1) 3 mg				
(1) 2 mg				
(1) 1 mg				
25 pcs. 2.222221kg set wt.	17 pcs. 2.2221kg set wt.	13 pcs. 2.221kg set wt.	13 pcs. 2.11kg set wt.	5 pcs. 2.1kg set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Accessories

Inserts		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g	46380	\$130.00

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Tong assembly, Class 0	50000	\$78.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 2 kg

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
2 kg - 1 mg	45915	\$8,900.00
(2) 2 kg - 1 mg*	87043	\$10,675.00
(2) 2 kg - 10 mg*	87042	\$10,125.00
2 kg - 100 mg	45916	\$8,575.00
(2) 2 kg - 100 mg	87041	\$9,450.00
2 kg - 1 g	45917	\$6,425.00
(2) 2 kg - 1 g	87044	\$8,275.00
2 kg - 100 g	45918	\$5,175.00

Certificate

Accredited
Included
Included
Included
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
2 kg - 1 mg	12477	\$4,300.00
(2) 2 kg - 1 mg*	87069	\$4,800.00
(2) 2 kg - 10 mg*	87065	\$4,700.00
2 kg - 100 mg	45980	\$4,550.00
(2) 2 kg - 100 mg*	87061	\$4,650.00
2 kg - 1 g	12480	\$3,625.00
2 kg - 1 g*	11888	\$3,625.00
(2) 2 kg - 1 g*	87073	\$4,450.00
2 kg - 100 g	45984	\$3,500.00

Optional Certificate

Accredited	Non-accredited
\$1,310.00	\$900.00
\$1,430.00	\$960.00
\$1,270.00	\$830.00
\$1,000.00	\$640.00
\$1,120.00	\$700.00
\$840.00	\$510.00
\$840.00	\$510.00
\$960.00	\$570.00
\$520.00	\$260.00

Class 2

Set Range	Part #	Price
2 kg - 1 mg	11926	\$3,825.00
(2) 2 kg - 1 mg*	87070	\$4,600.00
(2) 2 kg - 10 mg*	87066	\$4,300.00
2 kg - 100 mg	45981	\$4,000.00
(2) 2 kg - 100 mg*	87062	\$4,125.00
2 kg - 1 g	11929	\$3,425.00
2 kg - 1 g*	12148	\$3,425.00
(2) 2 kg - 1 g*	87074	\$4,125.00
2 kg - 100 g	45985	\$3,350.00

Optional Certificate

Accredited	Non-accredited
\$1,310.00	\$900.00
\$1,430.00	\$960.00
\$1,270.00	\$830.00
\$1,000.00	\$640.00
\$1,120.00	\$700.00
\$840.00	\$510.00
\$840.00	\$510.00
\$960.00	\$570.00
\$520.00	\$260.00

Class 3

Set Range	Part #	Price
2 kg - 1 mg	12074	\$3,775.00
(2) 2 kg - 1 mg*	87071	\$4,450.00
(2) 2 kg - 10 mg*	87067	\$4,100.00
2 kg - 100 mg	45982	\$3,925.00
(2) 2 kg - 100 mg*	87063	\$3,925.00
2 kg - 1 g	12077	\$3,350.00
2 kg - 1 g*	12287	\$3,350.00
(2) 2 kg - 1 g*	87075	\$4,000.00
2 kg - 100 g	45986	\$3,125.00

Optional Certificate

Accredited	Non-accredited
\$1,310.00	\$900.00
\$1,430.00	\$960.00
\$1,270.00	\$830.00
\$1,000.00	\$640.00
\$1,120.00	\$700.00
\$840.00	\$510.00
\$840.00	\$510.00
\$960.00	\$570.00
\$520.00	\$260.00

Class 4

Set Range	Part #	Price
2 kg - 1 mg	12220	\$3,375.00
(2) 2 kg - 1 mg*	87072	\$4,100.00
(2) 2 kg - 10 mg*	87068	\$3,750.00
2 kg - 100 mg	45983	\$3,900.00
(2) 2 kg - 100 mg*	87064	\$3,725.00
2 kg - 1 g	12223	\$3,225.00
2 kg - 1 g*	12390	\$3,225.00
(2) 2 kg - 1 g*	87076	\$3,475.00
2 kg - 100 g	45987	\$3,000.00

Optional Certificate

Accredited
\$640.00
\$730.00
\$640.00
\$490.00
\$540.00
\$395.00
\$395.00
\$450.00
\$210.00

* 5-2-2-1 configuration



PN 12477 Set Includes Lifting Device, Glove and Case (2kg to 1mg)

RANGE: 2 kg

ASTM
PRECISION

Weight Set Contents

5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1		5-2-2-1	
2 kg - 1mg	(2) 2 kg - 1mg	(2) 2 kg - 10 mg	2 kg - 100 mg	(2) 2 kg - 100 mg	2 kg - 1g	2 kg - 1g	(2) 2 kg - 1g	2 kg - 100g	
45915 Class 0	87043 Class 0	87042 Class 0	45916 Class 0	87041 Class 0	45917 Class 0	–	87044 Class 0	45918 Class 0	
12477 Class 1	87069 Class 1	87065 Class 1	45980 Class 1	87061 Class 1	12480 Class 1	11888 Class 1	87073 Class 1	45984 Class 1	
11926 Class 2	87070 Class 2	87066 Class 2	45981 Class 2	87062 Class 2	11929 Class 2	12148 Class 2	87074 Class 2	45985 Class 2	
12074 Class 3	87071 Class 3	87067 Class 3	45982 Class 3	87063 Class 3	12077 Class 3	12287 Class 3	87075 Class 3	45986 Class 3	
12220 Class 4	87072 Class 4	87068 Class 4	45983 Class 4	87064 Class 4	12223 Class 4	12390 Class 4	87076 Class 4	45987 Class 4	
(1) 2 kg	(2) 2 kg	(2) 2 kg	(1) 2 kg	(2) 2 kg	(1) 2 kg	(1) 2 kg	(2) 2 kg	(1) 2 kg	
(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	(1) 1kg	
(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g	(1) 500g	
(1) 300g	–	–	(1) 300g	–	(1) 300g	–	–	(1) 300g	
(1) 200g	(2) 200g	(2) 200g	(1) 200g	(2) 200g	(1) 200g	(2) 200g	(2) 200g	(1) 200g	
(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g	(1) 100g	
(1) 50g	(1) 50g	(1) 50g	(1) 50g	(1) 50g	(1) 50g	(1) 50g	(1) 50g	(1) 100g	
(1) 30g	–	–	(1) 30g	–	(1) 30g	–	–	–	
(1) 20g	(2) 20g	(2) 20g	(1) 20g	(2) 20g	(1) 20g	(2) 20g	(2) 20g	–	
(1) 10g	(1) 10g	(1) 10g	(1) 10g	(1) 10g	(1) 10g	(1) 10g	(1) 10g	(1) 10g	
(1) 5g	(1) 5g	(1) 5g	(1) 5g	(1) 5g	(1) 5g	(1) 5g	(1) 5g	(1) 5g	
(1) 3g	–	–	(1) 3g	–	(1) 3g	–	–	–	
(1) 2g	(2) 2g	(2) 2g	(1) 2g	(2) 2g	(1) 2g	(2) 2g	(2) 2g	(2) 2g	
(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	
(1) 500mg	(1) 500mg	(1) 500mg	(1) 500mg	(1) 500mg	–	–	–	–	
(1) 300mg	–	–	(1) 300mg	–	–	–	–	–	
(1) 200mg	(2) 200mg	(2) 200mg	(1) 200mg	(2) 200mg	(2) 200mg	–	–	–	
(1) 100mg	(1) 100mg	(1) 100mg	(1) 100mg	(1) 100mg	(1) 100mg	–	–	–	
(1) 50mg	(1) 50mg	(1) 50mg	(1) 50mg	–	–	–	–	–	
(1) 30mg	–	–	–	–	–	–	–	–	
(1) 20mg	(2) 20mg	(2) 20mg	–	–	–	–	–	–	
(1) 10mg	(1) 10mg	(1) 10mg	–	–	–	–	–	–	
(1) 5mg	(1) 5mg	(1) 10mg	–	–	–	–	–	–	
(1) 3mg	–	–	–	–	–	–	–	–	
(1) 2mg	(2) 2mg	–	–	–	–	–	–	–	
(1) 1mg	(1) 1mg	–	–	–	–	–	–	–	
26 pcs. 4.222221kg set wt.	27 pcs. 6.222221kg set wt.	23 pcs. 6.22kg set wt.	18 pcs. 4.2221kg set wt.	19 pcs. 6.2221kg set wt.	14 pcs. 4.11kg set wt.	14 pcs. 4.11kg set wt.	15 pcs. 6.221kg set wt.	6 pcs. 4.1kg set wt.	

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
2 kg - 1mg	50439	\$1,950.00
(2) 2 kg - 1mg	84474	\$2,070.00
(2) 2 kg - 10 mg	84474	\$2,070.00
2 kg - 100 mg	50439	\$1,950.00
(2) 2 kg - 100 mg	84474	\$2,070.00
2 kg - 1g	50439	\$1,950.00
(2) 2 kg - 1g	84474	\$2,070.00
2 kg - 100g	50438	\$1,950.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
2 kg - 1mg	11604	\$1,660.00
(2) 2 kg - 1mg	84463	\$1,670.00
(2) 2 kg - 10 mg	84463	\$1,670.00
2 kg - 100 mg	11604	\$1,660.00
(2) 2 kg - 100 mg	84463	\$1,670.00
2 kg - 1g	11604	\$1,660.00
2 kg - 1g	11583	\$1,920.00
(2) 2 kg - 1g	84463	\$1,670.00
2 kg - 100g	11604	\$1,660.00

Secondary Case		
Class 0		
Set Range	Part #	Price
100g - 1mg	34697	\$240.00
100g - 1mg	49503	\$265.00

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100g - 1mg	11588	\$190.00
100g - 1mg	11596	\$190.00

Insert		
Wooden		
Set Range	Part #	Price
100g	46380	\$130.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Lifter bar, large handle	11712	\$77.00
Tong assembly, Class 0	50000	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	50037	\$57.00

ACCESSORIES

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 3 kg and 5 kg

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
5 kg - 1 mg	45910	\$12,075.00
5 kg - 100 mg	45911	\$11,375.00
5 kg - 1 g	45912	\$9,900.00
5 kg - 100 g	45913	\$8,325.00

Certificate

Accredited
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
3 kg - 1 g	11887	\$4,725.00
5 kg - 1 mg	12481	\$6,300.00
5 kg - 1 mg*	114050	\$6,300.00
5 kg - 100 mg	45988	\$5,975.00
5 kg - 1 g	12484	\$5,600.00
5 kg - 1 g*	11886	\$5,600.00
5 kg - 100 g	45992	\$5,175.00

Optional Certificate

Accredited	Non-accredited
\$960.00	\$515.00
\$1,400.00	\$840.00
\$1,400.00	\$840.00
\$1,225.00	\$765.00
\$1,075.00	\$635.00
\$1,075.00	\$635.00
\$755.00	\$400.00

Class 2

Set Range	Part #	Price
3 kg - 1 g	12147	\$4,050.00
5 kg - 1 mg	11930	\$5,600.00
5 kg - 1 mg*	114051	\$5,600.00
5 kg - 100 mg	45989	\$5,550.00
5 kg - 1 g	11933	\$5,125.00
5 kg - 1 g*	12146	\$5,125.00
5 kg - 100 g	45993	\$4,700.00

Optional Certificate

Accredited	Non-accredited
\$960.00	\$570.00
\$1,400.00	\$840.00
\$1,400.00	\$840.00
\$1,225.00	\$765.00
\$1,075.00	\$635.00
\$1,075.00	\$635.00
\$755.00	\$400.00

Class 3

Set Range	Part #	Price
3 kg - 1 g	12286	\$4,025.00
5 kg - 1 mg	12078	\$5,500.00
5 kg - 1 mg*	114052	\$5,500.00
5 kg - 100 mg	45990	\$5,350.00
5 kg - 1 g	12081	\$5,125.00
5 kg - 1 g*	12285	\$5,100.00
5 kg - 100 g	45994	\$4,675.00

Optional Certificate

Accredited	Non-accredited
\$960.00	\$570.00
\$1,400.00	\$840.00
\$1,400.00	\$840.00
\$1,225.00	\$765.00
\$1,075.00	\$635.00
\$1,075.00	\$635.00
\$755.00	\$400.00

Class 4

Set Range	Part #	Price
3 kg - 1 g	12389	\$3,600.00
5 kg - 1 mg	12224	\$4,975.00
5 kg - 1 mg*	114053	\$4,975.00
5 kg - 100 mg	45991	\$4,850.00
5 kg - 1 g	12227	\$4,425.00
5 kg - 1 g*	12388	\$4,425.00
5 kg - 100 g	45995	\$4,050.00

Optional Certificate

Accredited
\$445.00
\$780.00
\$780.00
\$590.00
\$490.00
\$490.00
\$300.00

* 5-2-2-1 configuration



PN 11887 Set Includes Lifting Device, Glove and Case (3kg to 1g)

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
5 kg - 1 mg	49495	\$1,950.00
5 kg - 100 mg	49495	\$1,950.00
5 kg - 1 g	49495	\$1,950.00
5 kg - 100 g	50440	\$1,870.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
3 kg - 1 g	11582	\$1,660.00
5 kg - 1 mg	11605	\$1,660.00
5 kg - 1 mg	11581	\$1,660.00
5 kg - 100 mg	11605	\$1,660.00
5 kg - 1 g	11605	\$1,660.00
5 kg - 1 g	11581	\$1,660.00
5 kg - 100 g	11605	\$1,660.00

Secondary Case		
Class 0		
Set Range	Part #	Price
100 g - 1 mg	49503	\$265.00

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g - 1 mg	11588	\$190.00
100 g - 1 mg	11596	\$190.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 3 kg and 5 kg

ASTM
PRECISION

Weight Set Contents

5-2-2-1			5-2-2-1			
3 kg - 1g	5 kg - 1mg	5 kg - 1mg	5 kg - 100 mg	5 kg - 1g	5 kg - 1g	5 kg - 100 g
–	45910 Class 0	–	45911 Class 0	45912 Class 0	–	45913 Class 0
11887 Class 1	12481 Class 1	114050 Class 1	45988 Class 1	12484 Class 1	11886 Class 1	45992 Class 1
12147 Class 2	11930 Class 2	114051 Class 2	45989 Class 2	11933 Class 2	12146 Class 2	45993 Class 2
12286 Class 3	12078 Class 3	114052 Class 3	45990 Class 3	12081 Class 3	12285 Class 3	45994 Class 3
12389 Class 4	12224 Class 4	114053 Class 4	45991 Class 4	12227 Class 4	12388 Class 4	45995 Class 4
–	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg
(1) 3 kg	(1) 3 kg	–	(1) 3 kg	(1) 3 kg	–	(1) 3 kg
(1) 2 kg	(1) 2 kg	(2) 2 kg	(1) 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) 1 kg
(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g	(1) 500 g
(1) 300 g	(1) 300 g	–	(1) 300 g	(1) 300 g	–	(1) 300 g
(1) 200 g	(1) 200 g	(2) 200 g	(1) 200 g	(1) 200 g	(2) 200 g	(1) 200 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	
(1) 30 g	(1) 30 g	–	(1) 30 g	(1) 30 g	–	
(1) 20 g	(1) 20 g	(2) 20 g	(1) 20 g	(1) 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	
(1) 3 g	(1) 3 g	–	(1) 3 g	(1) 3 g	–	
(1) 2 g	(1) 2 g	(2) 2 g	(1) 2 g	(1) 2 g	(2) 2 g	
(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g	
	(1) 500 mg	(1) 500 mg	(1) 500 mg			
	(1) 300 mg	–	(1) 300 mg			
	(1) 200 mg	(2) 200 mg	(1) 200 mg			
	(1) 100 mg	(1) 100 mg	(1) 100 mg			
	(1) 50 mg	(1) 50 mg				
	(1) 30 mg	–				
	(1) 20 mg	(2) 20 mg				
	(1) 10 mg	(1) 10 mg				
	(1) 5 mg	(1) 5 mg				
	(1) 3 mg	–				
	(1) 2 mg	(2) 2 mg				
	(1) 1mg	(1) 1mg				
15 pcs. 7.221kg set wt.	28 pcs. 12.222221kg set wt.	28 pcs. 12.23 kg set wt.	20 pcs. 12.22 kg set wt.	16 pcs. 12.221kg set wt.	16 pcs. 11.110 kg set wt.	8 pcs. 12.1kg set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Accessories

Insert		
PVC Insert for Wooden Case		
Set Range	Part #	Price
100 g	46380	\$130.00

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Lifter bar, large handle	11712	\$77.00
Tong assembly, Class 0	50000	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	50037	\$57.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 10 kg

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
10 kg - 1 mg	45905	\$15,725.00
10 kg - 100 mg	45906	\$14,925.00
10 kg - 1 g	45907	\$12,750.00
10 kg - 100 g	45908	\$12,650.00
10 kg - 1 kg	45909	\$9,975.00

Certificate

Accredited
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
10 kg - 1 mg	12485	\$8,925.00
10 kg - 100 mg	45996	\$8,800.00
10 kg - 1 g	12488	\$8,350.00
10 kg - 1 g*	11885	\$8,350.00
10 kg - 100 g	46000	\$8,275.00
10 kg - 1 kg	46004	\$6,800.00

Optional Certificate

Accredited	Non-accredited
\$1,500.00	\$900.00
\$1,325.00	\$820.00
\$1,180.00	\$690.00
\$1,180.00	\$690.00
\$870.00	\$440.00
\$530.00	\$280.00

Class 2

Set Range	Part #	Price
10 kg - 1 mg	11934	\$8,575.00
10 kg - 100 mg	45997	\$8,400.00
10 kg - 1 g	11937	\$8,325.00
10 kg - 1 g*	12144	\$8,275.00
10 kg - 100 g	46001	\$7,775.00
10 kg - 1 kg	46005	\$6,975.00

Optional Certificate

Accredited	Non-accredited
\$1,500.00	\$900.00
\$1,325.00	\$820.00
\$1,180.00	\$690.00
\$1,180.00	\$690.00
\$870.00	\$440.00
\$530.00	\$280.00

Class 3

Set Range	Part #	Price
10 kg - 1 mg	12082	\$8,500.00
10 kg - 100 mg	45998	\$8,300.00
10 kg - 1 g	12085	\$8,175.00
10 kg - 1 g*	12283	\$8,175.00
10 kg - 100 g	46002	\$7,675.00
10 kg - 1 kg	46006	\$6,900.00

Optional Certificate

Accredited	Non-accredited
\$1,500.00	\$900.00
\$1,325.00	\$820.00
\$1,180.00	\$690.00
\$1,180.00	\$690.00
\$870.00	\$440.00
\$530.00	\$280.00

Class 4

Set Range	Part #	Price
10 kg - 1 mg	12228	\$7,625.00
10 kg - 100 mg	45999	\$7,500.00
10 kg - 1 g	12231	\$7,400.00
10 kg - 1 g*	12386	\$7,400.00
10 kg - 100 g	46003	\$6,925.00
10 kg - 1 kg	46007	\$6,175.00

Optional Certificate

Accredited
\$830.00
\$640.00
\$535.00
\$535.00
\$350.00
\$250.00

* 5-2-2-1 configuration



PN 12485 Set Includes Lifting Device, Glove and Case (10 kg to 1 mg)

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
10 kg - 1 mg	50442	\$2,270.00
10 kg - 100 mg	50442	\$2,270.00
10 kg - 1 g	50442	\$2,270.00
10 kg - 100 g	50442	\$2,270.00
10 kg - 1 kg	50441	\$1,920.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
10 kg - 1 mg	11606	\$2,240.00
10 kg - 100 mg	11606	\$2,240.00
10 kg - 1 g	11606	\$2,240.00
10 kg - 1 g	11580	\$2,240.00
10 kg - 100 g	11606	\$2,240.00
10 kg - 1 kg	11606	\$2,240.00

Secondary Case		
Class 0		
Set Range	Part #	Price
100 g - 1 mg*	11588	\$190.00
100 g - 1 mg	49503	\$265.00
Insert, 100 g	49489	\$170.00

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g - 1 mg*	11588	\$190.00
100 g - 1 mg	11596	\$190.00
Insert, 100 g	46380	\$130.00

RANGE: 10 kg

ASTM
PRECISION

Weight Set Contents

5-2-2-1

10 kg - 1 mg	10 kg - 100 mg	10 kg - 1 g	10 kg - 1 g	10 kg - 100 g	10 kg - 1 kg
45905 Class 0 12485 Class 1 11934 Class 2 12082 Class 3 12228 Class 4	45906 Class 0 45996 Class 1 45997 Class 2 45998 Class 3 45999 Class 4	45907 Class 0 12488 Class 1 11937 Class 2 12085 Class 3 12231 Class 4	11885 Class 1 12144 Class 2 12283 Class 3 12386 Class 4 -	45908 Class 0 46000 Class 1 46001 Class 2 46002 Class 3 46003 Class 4	45909 Class 0 46004 Class 1 46005 Class 2 46006 Class 3 46007 Class 4
(1) 10 kg (1) 5 kg (1) 3 kg (1) 2 kg (1) 1 kg (1) 500 g (1) 300 g (1) 200 g (1) 100 g (1) 50 g (1) 30 g (1) 20 g (1) 10 g (1) 5 g (1) 3 g (1) 2 g (1) 1 g (1) 500 mg (1) 300 mg (1) 200 mg (1) 100 mg (1) 50 mg (1) 30 mg (1) 20 mg (1) 10 mg (1) 5 mg (1) 3 mg (1) 2 mg (1) 1 mg	(1) 10 kg (1) 5 kg (1) 3 kg (1) 2 kg (1) 1 kg (1) 500 g (1) 300 g (1) 200 g (1) 100 g (1) 50 g (1) 30 g (1) 20 g (1) 10 g (1) 5 g (1) 3 g (1) 2 g (1) 1 g (1) 500 mg (1) 300 mg (1) 200 mg (1) 100 mg	(1) 10 kg (1) 5 kg (1) 3 kg (1) 2 kg (1) 1 kg (1) 500 g (1) 300 g (1) 200 g (1) 100 g (1) 50 g (1) 30 g (1) 20 g (1) 10 g (1) 5 g (1) 3 g (1) 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) 50 g - (2) 20 g (1) 10 g (1) 5 g - (2) 2 g (1) 1 g	(1) 10 kg (1) 5 kg (1) 3 kg (1) 2 kg (1) 1 kg (1) 500 g (1) 300 g (1) 200 g (1) 100 g	(1) 10 kg (1) 5 kg (1) 3 kg (1) 2 kg (1) 1 kg
29 pcs. 22.222221 kg set wt.	21 pcs. 22.2221 kg set wt.	17 pcs. 22.221 kg set wt.	17 pcs. 21.11 kg set wt.	9 pcs. 22.1 kg set wt.	5 pcs. 21 kg set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Lifter bar, large handle	11712	\$77.00
Tong assembly, Class 0	50000	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	50037	\$57.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 20 kg and 25 kg

Class 0

Statement of Accuracy not available.

Set Range	Part #	Price
20 kg - 1 mg	45900	\$19,975.00
20 kg - 100 mg	45901	\$19,150.00
20 kg - 1 g	45902	\$17,075.00
20 kg - 100 g	45903	\$16,850.00
20 kg - 1 kg	45904	\$14,625.00

Certificate

Accredited
Included
Included
Included
Included
Included

Class 1

Set Range	Part #	Price
25 kg - 1 g*	11883	\$16,750.00
20 kg - 1 mg	12489	\$12,300.00
20 kg - 100 mg	46008	\$12,200.00
20 kg - 1 g	12492	\$11,400.00
20 kg - 1 g*	11884	\$11,400.00
20 kg - 100 g	46012	\$10,775.00
20 kg - 1 kg	46016	\$10,575.00

Optional Certificate

Accredited	Non-accredited
\$1,395.00	\$815.00
\$1,680.00	\$1,025.00
\$1,445.00	\$885.00
\$1,285.00	\$760.00
\$1,285.00	\$760.00
\$975.00	\$500.00
\$645.00	\$340.00

Class 2

Set Range	Part #	Price
25 kg - 1 g*	12140	\$15,100.00
20 kg - 1 mg	11938	\$11,175.00
20 kg - 100 mg	46009	\$10,975.00
20 kg - 1 g	11941	\$10,875.00
20 kg - 1 g*	12142	\$10,875.00
20 kg - 100 g	46013	\$10,350.00
20 kg - 1 kg	46017	\$9,550.00

Optional Certificate

Accredited	Non-accredited
\$1,395.00	\$815.00
\$1,680.00	\$1,025.00
\$1,445.00	\$885.00
\$1,285.00	\$760.00
\$1,285.00	\$760.00
\$975.00	\$500.00
\$645.00	\$340.00

Class 3

Set Range	Part #	Price
25 kg - 1 g*	12279	\$14,525.00
20 kg - 1 mg	12086	\$11,075.00
20 kg - 100 mg	46010	\$10,875.00
20 kg - 1 g	12089	\$10,750.00
20 kg - 1 g*	12281	\$10,750.00
20 kg - 100 g	46014	\$10,225.00
20 kg - 1 kg	46018	\$9,225.00

Optional Certificate

Accredited	Non-accredited
\$1,395.00	\$815.00
\$1,680.00	\$1,025.00
\$1,445.00	\$885.00
\$1,285.00	\$760.00
\$1,285.00	\$760.00
\$975.00	\$500.00
\$645.00	\$340.00

Class 4

Set Range	Part #	Price
25 kg - 1 g*	12382	\$13,575.00
20 kg - 1 mg	12232	\$9,950.00
20 kg - 100 mg	46011	\$9,775.00
20 kg - 1 g	12235	\$9,700.00
20 kg - 1 g*	12384	\$9,700.00
20 kg - 100 g	46015	\$9,225.00
20 kg - 1 kg	46019	\$8,500.00

Optional Certificate

Accredited
\$590.00
\$900.00
\$680.00
\$610.00
\$610.00
\$395.00
\$270.00

* 5-2-2-1 configuration



PN 11938 Set Includes Lifting Device, Glove and Case (20 kg to 1 mg)

Replacement Cases

Main Cases		
Class 0		
Set Range	Part #	Price
20 kg - 1 mg	50670	\$2,270.00
20 kg - 100 mg	50670	\$2,270.00
20 kg - 1 g	50670	\$2,270.00
20 kg - 100 g	50670	\$2,270.00
20 kg - 1 kg	50670	\$2,270.00

Main Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
25 kg - 1 g*	11578	\$2,240.00
20 kg - 1 mg	11608	\$2,240.00
20 kg - 100 mg	11608	\$2,240.00
20 kg - 1 g	11608	\$2,240.00
20 kg - 1 g*	11579	\$2,190.00
20 kg - 100 g	11608	\$2,240.00
20 kg - 1 kg	11608	\$2,240.00

MASS REFERENCE STANDARDS / METRIC SETS

RANGE: 20 kg and 25 kg

ASTM
PRECISION

Weight Set Contents

5-2-2-1			5-2-2-1			
25 kg - 1g	20 kg - 1mg	20 kg - 100 mg	20 kg - 1g	20 kg - 1g	20 kg - 100 g	20 - 1kg
–	45900 Class 0	45901 Class 0	45902 Class 0	–	45903 Class 0	45904 Class 0
11883 Class 1	12489 Class 1	46008 Class 1	12492 Class 1	11884 Class 1	46012 Class 1	46016 Class 1
12140 Class 2	11938 Class 2	46009 Class 2	11941 Class 2	12142 Class 2	46013 Class 2	46017 Class 2
12279 Class 3	12086 Class 3	46010 Class 3	12089 Class 3	12281 Class 3	46014 Class 3	46018 Class 3
12382 Class 4	12232 Class 4	46011 Class 4	12235 Class 4	12384 Class 4	46015 Class 4	46019 Class 4
(1) 25 kg	–	–	–	–	–	–
–	(1) 20 kg	(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) 10 kg	(1) 10 kg
(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg	(1) 5 kg
–	(1) 3 kg	(1) 3 kg	(1) 3 kg	–	(1) 3 kg	(1) 3 kg
(2) 2 kg	(1) 2 kg	(1) 2 kg	(1) 2 kg	(2) 2 kg	(1) 2 kg	(1) 2 kg
(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) 300 g	(1) 300 g	(1) 300 g	–	(1) 300 g	
(2) 200 g	(1) 200 g	(1) 200 g	(1) 200 g	(2) 200 g	(1) 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		
–	(1) 30 g	(1) 30 g	(1) 30 g	–		
(2) 20 g	(1) 20 g	(1) 20 g	(1) 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		
–	(1) 3 g	(1) 3 g	(1) 3 g	–		
(2) 2 g	(1) 2 g	(1) 2 g	(1) 2 g	(2) 2 g		
(1) 1g	(1) 1g	(1) 1g	(1) 1g	(1) 1g		
	(1) 500 mg	(1) 500 mg				
	(1) 300 mg	(1) 300 mg				
	(1) 200 mg	(1) 200 mg				
	(1) 100 mg	(1) 100 mg				
	(1) 50 mg					
	(1) 30 mg					
	(1) 20 mg					
	(1) 10 mg					
	(1) 5 mg					
	(1) 3 mg					
	(1) 2 mg					
	(1) 1 mg					
18 pcs. 46.11kg set wt.	30 pcs. 42.222221kg set wt.	22 pcs. 42.22kg set wt.	18 pcs. 42.22 kg set wt.	18 pcs. 41.11kg set wt.	10 pcs. 42.1kg set wt.	6 pcs. 41kg set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Accessories

Secondary Case		
Class 0		
Set Range	Part #	Price
100 g - 1mg*	11588	\$190.00
100 g - 1mg	49503	\$265.00
Insert, 100 g	49489	\$170.00

* 5-2-2-1 configuration

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
100 g - 1mg*	11588	\$190.00
100 g - 1mg	11596	\$190.00
Insert, 100 g	46380	\$130.00

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Lifter bar, large handle	11712	\$77.00
Tong assembly, Class 0	50000	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	50037	\$57.00

MASS REFERENCE STANDARDS / AVOIRDUPOIS SETS

RANGE: 2 lb through 50 lb

Class 1

Set Range	Part #	Price
50 lb - 1/32 oz	11999	\$21,875.00
50 lb - 0.001lb	119043	\$21,875.00
20 lb - 1/32 oz	11997	\$10,475.00
20 lb - 0.001lb	119047	\$10,475.00
10 lb - 1/32 oz	11995	\$7,325.00
10 lb - 0.001lb	119051	\$7,325.00
5 lb - 1/32 oz	11993	\$5,600.00
5 lb - 0.001lb	119055	\$5,600.00
2 lb - 1/32 oz	11991	\$3,750.00
2 lb - 0.001lb	119059	\$3,750.00

Optional Certificate

Accredited	Non-accredited
\$1,260.00	\$800.00
\$1,260.00	\$800.00
\$950.00	\$670.00
\$950.00	\$670.00
\$830.00	\$600.00
\$830.00	\$600.00
\$725.00	\$530.00
\$725.00	\$530.00
\$545.00	\$415.00
\$545.00	\$415.00

Class 2

Set Range	Part #	Price
50 lb - 1/32 oz	12145	\$21,650.00
50 lb - 0.001lb	119044	\$21,650.00
20 lb - 1/32 oz	12143	\$10,475.00
20 lb - 0.001lb	119048	\$10,475.00
10 lb - 1/32 oz	12141	\$7,325.00
10 lb - 0.001lb	119052	\$7,125.00
5 lb - 1/32 oz	12139	\$5,400.00
5 lb - 0.001lb	119056	\$5,400.00
2 lb - 1/32 oz	12137	\$3,575.00
2 lb - 0.001lb	119060	\$3,575.00

Optional Certificate

Accredited	Non-accredited
\$1,260.00	\$800.00
\$1,260.00	\$800.00
\$950.00	\$670.00
\$950.00	\$670.00
\$830.00	\$600.00
\$830.00	\$600.00
\$725.00	\$530.00
\$725.00	\$530.00
\$545.00	\$415.00
\$545.00	\$415.00

Class 3

Set Range	Part #	Price
50 lb - 1/32 oz	12284	\$21,350.00
50 lb - 0.001lb	119045	\$21,350.00
20 lb - 1/32 oz	12282	\$10,250.00
20 lb - 0.001lb	119049	\$10,450.00
10 lb - 1/32 oz	12280	\$7,025.00
10 lb - 0.001lb	119053	\$7,025.00
5 lb - 1/32 oz	12278	\$5,350.00
5 lb - 0.001lb	119057	\$5,350.00
2 lb - 1/32 oz	12276	\$3,400.00
2 lb - 0.001lb	119061	\$3,400.00

Optional Certificate

Accredited	Non-accredited
\$1,260.00	\$800.00
\$1,260.00	\$800.00
\$950.00	\$670.00
\$950.00	\$670.00
\$830.00	\$600.00
\$830.00	\$600.00
\$725.00	\$530.00
\$725.00	\$530.00
\$545.00	\$415.00
\$545.00	\$415.00

Class 4

Set Range	Part #	Price
50 lb - 1/32 oz	12387	\$20,825.00
50 lb - 0.001lb	119046	\$20,825.00
20 lb - 1/32 oz	12385	\$9,625.00
20 lb - 0.001lb	119050	\$9,625.00
10 lb - 1/32 oz	12383	\$6,925.00
10 lb - 0.001lb	119054	\$6,925.00
5 lb - 1/32 oz	12381	\$4,825.00
5 lb - 0.001lb	119058	\$4,825.00
2 lb - 1/32 oz	12379	\$3,125.00
2 lb - 0.001lb	119062	\$3,125.00

Optional Certificate

Accredited
\$605.00
\$605.00
\$500.00
\$500.00
\$465.00
\$465.00
\$410.00
\$410.00
\$325.00
\$325.00



PN 11995 Set Includes Lifting Device, Glove and Case (10 lb to 1/32 oz)

MASS REFERENCE STANDARDS / AVOIRDUPOIS SETS
RANGE: 2 lb through 50 lb

ASTM
PRECISION

Weight Set Contents

50 lb - 1/32 oz	50 lb - 0.001lb	20 lb - 1/32 oz	20 lb - 0.001lb	10 lb - 1/32 oz	10 lb - 0.001lb	5 lb - 1/32 oz	5 lb - 0.001lb	2 lb - 1/32 oz	2 lb - 0.001lb
11999 Class 1	119043 Class 1	11997 Class 1	119047 Class 1	11995 Class 1	119051 Class 1	11993 Class 1	119055 Class 1	11991 Class 1	119059 Class 1
12145 Class 2	119044 Class 2	12143 Class 2	119048 Class 2	12141 Class 2	119052 Class 2	12139 Class 2	119056 Class 2	12137 Class 2	119060 Class 2
12284 Class 3	119045 Class 3	12282 Class 3	119049 Class 3	12280 Class 3	119053 Class 3	12278 Class 3	119057 Class 3	12276 Class 3	119061 Class 3
12387 Class 4	119046 Class 4	12385 Class 4	119050 Class 4	12383 Class 4	119054 Class 4	12381 Class 4	119058 Class 4	12379 Class 4	119062 Class 4
(1) 50 lb	(1) 50 lb	—	—	—	—	—	—	—	—
(1) 30 lb	(1) 30 lb	—	—	—	—	—	—	—	—
(1) 20 lb	(1) 20 lb	(1) 20 lb	(1) 20 lb	—	—	—	—	—	—
(1) 10 lb	(1) 10 lb	(1) 10 lb	(1) 10 lb	(1) 10 lb	(1) 10 lb	—	—	—	—
(1) 5 lb	(1) 5 lb	(1) 5 lb	(1) 5 lb	(1) 5 lb	(1) 5 lb	(1) 5 lb	(1) 5 lb	—	—
(1) 3 lb	(1) 3 lb	(1) 3 lb	(1) 3 lb	(1) 3 lb	(1) 3 lb	(1) 3 lb	(1) 3 lb	—	—
(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb	(1) 2 lb
(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb	(1) 1 lb
(1) 8 oz	(1) 0.5 lb	(1) 8 oz	(1) 0.5 lb	(1) 8 oz	(1) 0.5 lb	(1) 8 oz	(1) 0.5 lb	(1) 8 oz	(1) 0.5 lb
(1) 4 oz	(1) 0.3 lb	(1) 4 oz	(1) 0.3 lb	(1) 4 oz	(1) 0.3 lb	(1) 4 oz	(1) 0.3 lb	(1) 4 oz	(1) 0.3 lb
(1) 2 oz	(1) 0.2 lb	(1) 2 oz	(1) 0.2 lb	(1) 2 oz	(1) 0.2 lb	(1) 2 oz	(1) 0.2 lb	(1) 2 oz	(1) 0.2 lb
(1) 1 oz	(1) 0.1 lb	(1) 1 oz	(1) 0.1 lb	(1) 1 oz	(1) 0.1 lb	(1) 1 oz	(1) 0.1 lb	(1) 1 oz	(1) 0.1 lb
(1) 1/2 oz	(1) 0.05 lb	(1) 1/2 oz	(1) 0.05 lb	(1) 1/2 oz	(1) 0.05 lb	(1) 1/2 oz	(1) 0.05 lb	(1) 1/2 oz	(1) 0.05 lb
(1) 1/4 oz	(1) 0.03 lb	(1) 1/4 oz	(1) 0.03 lb	(1) 1/4 oz	(1) 0.03 lb	(1) 1/4 oz	(1) 0.03 lb	(1) 1/4 oz	(1) 0.03 lb
(1) 1/8 oz	(1) 0.02 lb	(1) 1/8 oz	(1) 0.02 lb	(1) 1/8 oz	(1) 0.02 lb	(1) 1/8 oz	(1) 0.02 lb	(1) 1/8 oz	(1) 0.02 lb
(1) 1/16 oz	(1) 0.01 lb	(1) 1/16 oz	(1) 0.01 lb	(1) 1/16 oz	(1) 0.01 lb	(1) 1/16 oz	(1) 0.01 lb	(1) 1/16 oz	(1) 0.01 lb
(2) 1/32 oz	(1) 0.005 lb	(2) 1/32 oz	(1) 0.005 lb	(2) 1/32 oz	(1) 0.005 lb	(2) 1/32 oz	(1) 0.005 lb	(2) 1/32 oz	(1) 0.005 lb
	(1) 0.003 lb		(1) 0.003 lb		(1) 0.003 lb		(1) 0.003 lb		(1) 0.003 lb
	(1) 0.002 lb		(1) 0.002 lb		(1) 0.002 lb		(1) 0.002 lb		(1) 0.002 lb
	(1) 0.001 lb		(1) 0.001 lb		(1) 0.001 lb		(1) 0.001 lb		(1) 0.001 lb
18 pcs. 122 lb set wt.	20 pcs. 122 lb set wt.	16 pcs. 42 lb set wt.	18 pcs. 42 lb set wt.	15 pcs. 22 lb set wt.	17 pcs. 22 lb set wt.	14 pcs. 12 lb set wt.	16 pcs. 12 lb set wt.	12 pcs. 4 lb set wt.	14 pcs. 4 lb set wt.

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

Replacement Cases

Main Cases		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
50 lb - 1/32 oz	11589	\$2,240.00
50 lb - 0.001lb	11589	\$2,240.00
20 lb - 1/32 oz	11590	\$2,400.00
20 lb - 0.001lb	11590	\$2,400.00
10 lb - 1/32 oz	11591	\$1,920.00
10 lb - 0.001lb	11591	\$1,920.00
5 lb - 1/32 oz	11592	\$1,490.00
5 lb - 0.001lb	11592	\$1,490.00
2 lb - 1/32 oz	11593	\$1,940.00
2 lb - 0.001lb	11593	\$1,940.00

Secondary Case		
Class 1, 2, 3 and 4		
Set Range	Part #	Price
4 oz - 1/32 oz	11610	\$330.00
0.3 lb to 0.001 lb	118813	\$310.00

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Tweezer	11711	\$5.25
Premium tweezer	152414	\$45.50
Serial number	25836	\$17.00
Leaf weight cover	11755	\$45.50
Weight forceps, plastic	50035	\$45.50
Lifter bar	11747	\$22.25
Lifter bar, large handle	11712	\$77.00
Tong assembly, Class 0	50000	\$78.00
Lifter (Class 0 and OIML 2 kg and 5 kg)	50037	\$57.00