

ASTM

Balance Calibration Weights

Applications:

Calibrating Class I and II balances

ASTM Class 4, 5 and 6 weights

Tolerance checking or verification
of balances

Styles Available:

Cylindrical

Grip-handle

Classes Available:

Class 1 through 2 polished finish

Class 3 through 4 satin finish

Class 1 through 7 manufactured in accordance with
ASTM E617 specification and tolerances

Product Configuration:

Single weight

Single weight kit: includes weight, case
and glove or appropriate lifting device

Features:

Nominal value marked on weights

Sealing cavity for adjusting material
in 100 g or larger weights

Density 7.84 g/cm³

Optional:

Serial numbers may be stamped or laser marked on weights Classes 1
through 4 (additional charges apply)



Metric Single Weight with Case (Kit)

82 Range: 5 kg – 10 g

Metric Single Weights

84 Range: 30 kg – 5 kg

85 Range: 5 kg – 10 g

Avoirdupois Single Weights

86 Range: 50 lb – 10 lb

87 Range: 10 lb – 0.05 lb

Avoirdupois Single Weight with Case (Kit)

88 Range: 10 lb – 0.05 lb

ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

BALANCE CALIBRATION WEIGHTS / METRIC SINGLE WEIGHT WITH CASE (KIT)

RANGE: 5 kg – 10 g

Class 1 Polished Finish			Optional Certificate	
Weight	Kit Part #	Price	Accredited	Non-Accredited
5 kg	12958	\$795.00	\$152.25	\$84.00
4 kg	12956	\$695.00	\$152.25	\$84.00
3 kg	12954	\$420.00	\$152.25	\$84.00
2 kg	12952	\$250.00	\$152.25	\$84.00
1,500 g	12985	\$230.00	\$152.25	\$84.00
1,000 g	12971	\$205.00	\$131.25	\$63.00
600 g	12983	\$220.00	\$131.25	\$63.00
500 g	12950	\$170.00	\$131.25	\$63.00
400 g	12968	\$170.00	\$131.25	\$63.00
300 g	12966	\$160.00	\$131.25	\$63.00
200 g	12948	\$145.00	\$131.25	\$63.00
160 g	12981	\$150.00	\$131.25	\$63.00
150 g	12979	\$135.00	\$131.25	\$63.00
100 g	12946	\$125.00	\$57.75	\$47.25
50 g	12964	\$105.00	\$57.75	\$47.25
30 g	12962	\$105.00	\$57.75	\$47.25
20 g	12960	\$105.00	\$57.75	\$47.25
10 g	12944	\$105.00	\$57.75	\$47.25

Class 2 Polished Finish			Optional Certificate	
Weight	Kit Part #	Price	Accredited	Non-Accredited
5 kg	13076	\$640.00	\$152.25	\$84.00
4 kg	13074	\$630.00	\$152.25	\$84.00
3 kg	13072	\$340.00	\$152.25	\$84.00
2 kg	13070	\$230.00	\$152.25	\$84.00
1,500 g	13103	\$230.00	\$152.25	\$84.00
1,000 g	13089	\$185.00	\$131.25	\$63.00
600 g	13101	\$210.00	\$131.25	\$63.00
500 g	13068	\$170.00	\$131.25	\$63.00
400 g	13086	\$165.00	\$131.25	\$63.00
300 g	13084	\$160.00	\$131.25	\$63.00
200 g	13066	\$145.00	\$131.25	\$63.00
160 g	13099	\$145.00	\$131.25	\$63.00
150 g	13097	\$130.00	\$131.25	\$63.00
100 g	13064	\$120.00	\$57.75	\$47.25
50 g	13082	\$98.00	\$57.75	\$47.25
30 g	13080	\$98.00	\$57.75	\$47.25
20 g	13078	\$98.00	\$57.75	\$47.25
10 g	13062	\$98.00	\$57.75	\$47.25



Kits Include a Single Weight with Case and Glove

Replacement Cases

Main Cases		
Class 1 and 2		
Nominal Value	Part #	Price
5 kg	197476	\$240.00
4 kg	197475	\$240.00
3 kg	190273	\$40.50
2 kg	190268	\$40.50
1,500 g	190270	\$40.50
1,000 g	190259	\$40.50
600 g	189714	\$40.50
500 g	189712	\$40.50
400 g	189709	\$40.50

Main Cases		
Class 1 and 2		
Nominal Value	Part #	Price
300 g	189643	\$40.50
200 g	194185	\$38.50
160 g	189634	\$40.50
150 g	189633	\$40.50
100 g	189567	\$44.50
50 g	189506	\$44.50
30 g	189505	\$44.50
20 g	189482	\$44.50
10 g	189475	\$44.50

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Nitrile glove	11773	\$3.50
Serial number	25836	\$17.00

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

BALANCE CALIBRATION WEIGHTS / METRIC SINGLE WEIGHTS

RANGE: 30 kg – 5 kg

Class 1 Polished Finish
Grip-handle

Weight	Part #	Price
30 kg	12996	Consult
25 kg	12995	Consult
24 kg	12994	Consult
20 kg	12993	Consult
16 kg	12992	Consult
10 kg	12991	Consult
8 kg	12990	Consult
5 kg	12989	Consult

Optional Certificate

Accredited	Non-Accredited
\$409.50	\$89.25
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00

Class 2 Polished Finish
Grip-handle

Weight	Part #	Price
30 kg	13114	Consult
25 kg	13113	Consult
24 kg	13112	Consult
20 kg	13111	Consult
16 kg	13110	Consult
10 kg	13109	Consult
8 kg	13108	Consult
5 kg	13107	Consult

Optional Certificate

Accredited	Non-Accredited
\$409.50	\$89.25
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00

Class 3 Satin Finish
Grip-handle

Weight	Part #	Price
30 kg	13217	Consult
25 kg	13216	Consult
24 kg	13215	Consult
20 kg	13214	Consult
16 kg	13213	Consult
10 kg	13212	Consult
8 kg	13211	Consult
5 kg	13210	Consult

Optional Certificate

Accredited	Non-Accredited
\$409.50	\$89.25
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00

Class 4 Satin Finish
Grip-handle

Weight	Part #	Price
30 kg	13320	Consult
25 kg	13319	Consult
24 kg	13318	Consult
20 kg	13317	Consult
16 kg	13316	Consult
10 kg	13315	Consult
8 kg	13314	Consult
5 kg	13313	Consult

Optional Certificate

Accredited
\$84.00
\$78.75
\$78.75
\$78.75
\$78.75
\$78.75
\$78.75
\$78.75



Replacement Cases

Main Cases		
Class 1, 2, 3 and 4		
Nominal Value	Part #	Price
30 kg to 5 kg	Consult	Consult

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BALANCE CALIBRATION WEIGHTS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 50 lb – 10 lb

Class 1 Polished Finish
Grip-handle

Weight	Part #	Price
50 lb	13038	Consult
30 lb	13037	Consult
25 lb	13036	Consult
20 lb	13035	Consult
10 lb	13034	Consult

Optional Certificate

Accredited	Non-Accredited
\$299.25	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25

Class 2 Polished Finish
Grip-handle

Weight	Part #	Price
50 lb	13155	Consult
30 lb	13154	Consult
25 lb	13153	Consult
20 lb	13152	Consult
10 lb	13151	Consult

Optional Certificate

Accredited	Non-Accredited
\$299.25	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25

Class 3 Satin Finish
Grip-handle

Weight	Part #	Price
50 lb	13258	Consult
30 lb	13257	Consult
25 lb	13256	Consult
20 lb	13255	Consult
10 lb	13254	Consult

Optional Certificate

Accredited	Non-Accredited
\$299.25	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25

Class 4 Satin Finish
Grip-handle

Weight	Part #	Price
50 lb	13361	Consult
30 lb	13360	Consult
25 lb	13359	Consult
20 lb	13358	Consult
10 lb	13357	Consult

Optional Certificate

Accredited
\$84.00
\$84.00
\$84.00
\$84.00
\$84.00



Replacement Cases

Main Cases		
Class 1, 2, 3 and 4		
Nominal Value	Part #	Price
50 lb to 10 lb	Consult	Consult

BALANCE CALIBRATION WEIGHTS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 10 lb – 0.05 lb

Class 1 Polished Finish
Cylindrical

Weight	Part #	Price
10 lb	13022	\$775.00
5 lb	13020	\$395.00
4 lb	13018	\$230.00
3 lb	13016	\$200.00
2 lb	13014	\$180.00
1 lb	13012	\$145.00
8 oz	13010	\$125.00
4 oz	13008	\$120.00
2 oz	13006	\$105.00
1 oz	13004	\$105.00
1/2 oz	13002	\$98.00
0.5 lb	13033	\$125.00
0.2 lb	13025	\$120.00
0.1 lb	13027	\$105.00
0.05 lb	13029	\$98.00

Optional Certificate

Accredited	Non-Accredited
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25

Class 3 Satin Finish
Cylindrical

Weight	Part #	Price
10 lb	13242	\$550.00
5 lb	13240	\$310.00
4 lb	13238	\$205.00
3 lb	13236	\$195.00
2 lb	13234	\$160.00
1 lb	13232	\$135.00
8 oz	13230	\$105.00
4 oz	13228	\$89.00
2 oz	13226	\$83.00
1 oz	13224	\$77.00
1/2 oz	13222	\$77.00
0.5 lb	13253	\$105.00
0.2 lb	13245	\$72.00
0.1 lb	13247	\$72.00
0.05 lb	13249	\$72.00

Optional Certificate

Accredited	Non-Accredited
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25

Class 2 Polished Finish
Cylindrical

Weight	Part #	Price
10 lb	13139	\$605.00
5 lb	13137	\$330.00
4 lb	13135	\$210.00
3 lb	13133	\$195.00
2 lb	13131	\$165.00
1 lb	13129	\$140.00
8 oz	13127	\$120.00
4 oz	13125	\$89.00
2 oz	13123	\$83.00
1 oz	13121	\$83.00
1/2 oz	13119	\$83.00
0.5 lb	13150	\$105.00
0.2 lb	13142	\$83.00
0.1 lb	13144	\$83.00
0.05 lb	13146	\$83.00

Optional Certificate

Accredited	Non-Accredited
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25

Class 4 Satin Finish
Cylindrical

Weight	Part #	Price
10 lb	13345	\$520.00
5 lb	13343	\$300.00
4 lb	13341	\$200.00
3 lb	13339	\$185.00
2 lb	13337	\$160.00
1 lb	13335	\$130.00
8 oz	13333	\$98.00
4 oz	13331	\$83.00
2 oz	13329	\$77.00
1 oz	13327	\$72.00
1/2 oz	13325	\$72.00
0.5 lb	13356	\$98.00
0.2 lb	13348	\$72.00
0.1 lb	13350	\$72.00
0.05 lb	13352	\$72.00

Optional Certificate

Accredited
\$84.00
\$84.00
\$84.00
\$84.00
\$68.25
\$68.25
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00

Replacement Cases

Main Cases		
Class 1, 2, 3 and 4		
Nominal Value	Part #	Price
10 lb	197473	\$240.00
5 lb	190269	\$40.50
4 lb	190267	\$40.50
3 lb	190263	\$40.50
2 lb	190260	\$40.50
1 lb	189710	\$40.50
8 oz	189635	\$40.50
4 oz	189568	\$44.50

Main Cases		
Class 1, 2, 3 and 4		
Nominal Value	Part #	Price
2 oz	189565	\$44.50
1 oz	189484	\$44.50
1/2 oz	189476	\$44.50
0.5 lb	189635	\$40.50
0.2 lb	189565	\$44.50
0.1 lb	189507	\$44.50
0.05 lb	189483	\$44.50



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BALANCE CALIBRATION WEIGHTS / AVOIRDUPOIS SINGLE WEIGHT WITH CASE (KIT)

RANGE: 10 lb – 0.05 lb

Class 1 Polished Finish

Weight	Part #	Price
10 lb	13021	\$795.00
5 lb	13019	\$420.00
4 lb	13017	\$250.00
3 lb	13015	\$230.00
2 lb	13013	\$205.00
1 lb	13011	\$170.00
8 oz	13009	\$145.00
4 oz	13007	\$140.00
2 oz	13005	\$135.00
1 oz	13003	\$135.00
1/2 oz	13001	\$135.00
0.5 lb	13032	\$145.00
0.2 lb	13024	\$140.00
0.1 lb	13026	\$135.00
0.05 lb	13028	\$135.00

Optional Certificate

Accredited	Non-Accredited
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25

Class 2 Polished Finish

Weight	Part #	Price
10 lb	13138	\$640.00
5 lb	13136	\$340.00
4 lb	13134	\$245.00
3 lb	13132	\$230.00
2 lb	13130	\$185.00
1 lb	13128	\$170.00
8 oz	13126	\$140.00
4 oz	13124	\$120.00
2 oz	13122	\$120.00
1 oz	13120	\$120.00
1/2 oz	13118	\$120.00
0.5 lb	13149	\$140.00
0.2 lb	13141	\$120.00
0.1 lb	13143	\$120.00
0.05 lb	13145	\$120.00

Optional Certificate

Accredited	Non-Accredited
\$178.50	\$136.50
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25



Kits Include a Single Weight with Case and Glove

Replacement Cases

Main Cases		
Class 1 and 2		
Nominal Value	Part #	Price
10 lb	197473	\$240.00
5 lb	190269	\$40.50
4 lb	190267	\$40.50
3 lb	190263	\$40.50
2 lb	190260	\$40.50
1 lb	189710	\$40.50
8 oz	189635	\$40.50
4 oz	189568	\$44.50
2 oz	189565	\$44.50

Main Cases		
Class 1 and 2		
Nominal Value	Part #	Price
1 oz	189484	\$44.50
1/2 oz	189476	\$44.50
0.5 lb	189635	\$40.50
0.2 lb	190126	\$40.50
0.1 lb	189507	\$44.50
0.05 lb	189483	\$44.50

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
Nitrile glove	11773	\$3.50
Serial number	25836	\$17.00

BALANCE CALIBRATION WEIGHTS / AVOIRDUPOIS SINGLE WEIGHT WITH CASE (KIT)

RANGE: 10 lb – 0.05 lb

Class 3 Satin Finish

Weight	Part #	Price
10 lb	13241	\$575.00
5 lb	13239	\$340.00
4 lb	13237	\$245.00
3 lb	13235	\$230.00
2 lb	13233	\$185.00
1 lb	13231	\$160.00
8 oz	13229	\$140.00
4 oz	13227	\$120.00
2 oz	13225	\$120.00
1 oz	13223	\$120.00
1/2 oz	13221	\$120.00
0.5 lb	13252	\$140.00
0.2 lb	13244	\$105.00
0.1 lb	13246	\$105.00
0.05 lb	13248	\$105.00

Optional Certificate

Accredited	Non-Accredited
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$136.50	\$89.25
\$110.25	\$73.50
\$110.25	\$73.50
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25



Case for 10 lb only

Class 4 Satin Finish

Weight	Part #	Price
10 lb	13344	\$555.00
5 lb	13342	\$330.00
4 lb	13340	\$235.00
3 lb	13338	\$210.00
2 lb	13336	\$185.00
1 lb	13334	\$150.00
8 oz	13332	\$130.00
4 oz	13330	\$120.00
2 oz	13328	\$120.00
1 oz	13326	\$105.00
1/2 oz	13324	\$105.00
0.5 lb	13355	\$135.00
0.2 lb	13347	\$98.00
0.1 lb	13349	\$98.00
0.05 lb	13351	\$98.00

Optional Certificate

Accredited
\$84.00
\$84.00
\$84.00
\$84.00
\$68.25
\$68.25
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00
\$42.00



Kits Include a Single Weight with Case and Glove

Replacement Cases

Main Cases		
Class 3 and 4		
Nominal Value	Part #	Price
10 lb	197473	\$240.00
5 lb	190269	\$40.50
4 lb	190267	\$40.50
3 lb	190263	\$40.50
2 lb	190260	\$40.50
1 lb	189710	\$40.50
8 oz	189635	\$40.50
4 oz	189568	\$44.50
2 oz	189565	\$44.50

Main Cases		
Class 3 and 4		
Nominal Value	Part #	Price
1 oz	189484	\$44.50
1/2 oz	189476	\$44.50
0.5 lb	189635	\$40.50
0.2 lb	190126	\$40.50
0.1 lb	189507	\$44.50
0.05 lb	189483	\$44.50

Accessories

Description	Part #	Price
Statement of Accuracy	36092	\$47.50
Weight glove, white cotton	11714	\$7.25
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Serial number	25836	\$17.00