

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

BALANCE CALIBRATION WEIGHTS / METRIC SINGLE WEIGHT WITH CASE (KIT)**RANGE: 5 kg – 10 g****Class 1** Polished Finish

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

Optional Certificate

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

Optional Certificate

Accredited	Non-Accredited
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$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
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

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

RANGE: 5 kg – 10 g

Class 3 Satin Finish

Weight	Kit Part #	Price
5 kg	13179	\$605.00
4 kg	13177	\$580.00
3 kg	13175	\$330.00
2 kg	13173	\$230.00
1,500 g	13206	\$220.00
1,000 g	13192	\$185.00
600 g	13204	\$205.00
500 g	13171	\$160.00
400 g	13189	\$160.00
300 g	13187	\$140.00
200 g	13169	\$140.00
160 g	13202	\$140.00
150 g	13200	\$125.00
100 g	13167	\$120.00
50 g	13185	\$98.00
30 g	13183	\$98.00
20 g	13181	\$98.00
10 g	13165	\$98.00

Optional Certificate

Accredited	Non-Accredited
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$152.25	\$84.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$131.25	\$63.00
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25
\$57.75	\$47.25



Case for 4 kg and 5 kg only

Class 4 Satin Finish

Weight	Kit Part #	Price
5 kg	13282	\$590.00
4 kg	13280	\$555.00
3 kg	13278	\$325.00
2 kg	13276	\$210.00
1,500 g	13309	\$205.00
1,000 g	13295	\$185.00
600 g	13307	\$195.00
500 g	13274	\$150.00
400 g	13292	\$145.00
300 g	13290	\$135.00
200 g	13272	\$130.00
160 g	13305	\$135.00
150 g	13303	\$120.00
100 g	13270	\$98.00
50 g	13288	\$98.00
30 g	13286	\$90.00
20 g	13284	\$90.00
10 g	13268	\$90.00

Optional Certificate

Accredited
\$78.75
\$78.75
\$78.75
\$78.75
\$78.75
\$57.75
\$57.75
\$57.75
\$57.75
\$57.75
\$57.75
\$57.75
\$57.75
\$57.75
\$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
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 3 and 4		
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

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OIML
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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**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	12996	\$2,700.00	\$409.50	\$89.25
25 kg	12995	\$2,600.00	\$152.25	\$84.00
24 kg	12994	\$2,500.00	\$152.25	\$84.00
20 kg	12993	\$2,100.00	\$152.25	\$84.00
16 kg	12992	\$2,000.00	\$152.25	\$84.00
10 kg	12991	\$1,400.00	\$152.25	\$84.00
8 kg	12990	\$1,350.00	\$152.25	\$84.00
5 kg	12989	\$1,050.00	\$152.25	\$84.00

Class 2 Polished Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	13114	\$2,600.00	\$409.50	\$89.25
25 kg	13113	\$2,200.00	\$152.25	\$84.00
24 kg	13112	\$2,100.00	\$152.25	\$84.00
20 kg	13111	\$2,000.00	\$152.25	\$84.00
16 kg	13110	\$1,900.00	\$152.25	\$84.00
10 kg	13109	\$1,100.00	\$152.25	\$84.00
8 kg	13108	\$1,100.00	\$152.25	\$84.00
5 kg	13107	\$900.00	\$152.25	\$84.00

Class 3 Satin Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	13217	\$2,400.00	\$409.50	\$89.25
25 kg	13216	\$2,200.00	\$152.25	\$84.00
24 kg	13215	\$1,950.00	\$152.25	\$84.00
20 kg	13214	\$1,850.00	\$152.25	\$84.00
16 kg	13213	\$1,500.00	\$152.25	\$84.00
10 kg	13212	\$1,250.00	\$152.25	\$84.00
8 kg	13211	\$1,100.00	\$152.25	\$84.00
5 kg	13210	\$850.00	\$152.25	\$84.00

Class 4 Satin Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited
30 kg	13320	\$2,100.00	\$84.00
25 kg	13319	\$1,850.00	\$78.75
24 kg	13318	\$1,750.00	\$78.75
20 kg	13317	\$1,500.00	\$78.75
16 kg	13316	\$1,200.00	\$78.75
10 kg	13315	\$1,000.00	\$78.75
8 kg	13314	\$980.00	\$78.75
5 kg	13313	\$670.00	\$78.75



Replacement Cases

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

BALANCE CALIBRATION WEIGHTS / AVOIRDUPOIS SINGLE WEIGHTS

RANGE: 50 lb – 10 lb

Class 1 Polished Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
50 lb	13038	\$2,800.00	\$299.25	\$89.25
30 lb	13037	\$2,400.00	\$136.50	\$89.25
25 lb	13036	\$2,000.00	\$136.50	\$89.25
20 lb	13035	\$1,900.00	\$136.50	\$89.25
10 lb	13034	\$1,500.00	\$136.50	\$89.25

Class 2 Polished Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
50 lb	13155	\$2,400.00	\$299.25	\$89.25
30 lb	13154	\$2,200.00	\$136.50	\$89.25
25 lb	13153	\$1,900.00	\$136.50	\$89.25
20 lb	13152	\$1,500.00	\$136.50	\$89.25
10 lb	13151	\$1,300.00	\$136.50	\$89.25

Class 3 Satin Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited	Non-Accredited
50 lb	13258	\$2,200.00	\$299.25	\$89.25
30 lb	13257	\$2,000.00	\$136.50	\$89.25
25 lb	13256	\$1,700.00	\$136.50	\$89.25
20 lb	13255	\$1,400.00	\$136.50	\$89.25
10 lb	13254	\$1,200.00	\$136.50	\$89.25

Class 4 Satin Finish
Grip-handle**Optional Certificate**

Weight	Part #	Price	Accredited
50 lb	13361	\$2,100.00	\$84.00
30 lb	13360	\$1,500.00	\$84.00
25 lb	13359	\$1,100.00	\$84.00
20 lb	13358	\$1,000.00	\$84.00
10 lb	13357	\$800.00	\$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
\$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
\$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
\$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
\$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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FIELD WEIGHTS

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SPECIALTY

ACCESSORIES

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
\$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
\$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
Nitrile glove	11773	\$3.50
Serial number	25836	\$17.00

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