

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 to 2 polished finish
Class 3 to 4 satin finish
Class 1 to 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
Serial numbers may be stamped or
laser marked on weights (Class 2 to 4)
Sealing cavity for adjusting material
in 100 g or larger weights
Density 7.84 g/cm³



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 WEIGHTS

RANGE: 30 kg – 5 kg

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

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	12996	\$2,280.00	\$390.00	\$85.00
25 kg	12995	\$1,970.00	\$145.00	\$80.00
24 kg	12994	\$1,910.00	\$145.00	\$80.00
20 kg	12993	\$1,730.00	\$145.00	\$80.00
16 kg	12992	\$1,530.00	\$145.00	\$80.00
10 kg	12991	\$1,100.00	\$145.00	\$80.00
8 kg	12990	\$1,080.00	\$145.00	\$80.00
5 kg	12989	\$810.00	\$145.00	\$80.00

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

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	13114	\$2,000.00	\$390.00	\$85.00
25 kg	13113	\$1,680.00	\$145.00	\$80.00
24 kg	13112	\$1,660.00	\$145.00	\$80.00
20 kg	13111	\$1,490.00	\$145.00	\$80.00
16 kg	13110	\$1,430.00	\$145.00	\$80.00
10 kg	13109	\$1,000.00	\$145.00	\$80.00
8 kg	13108	\$980.00	\$145.00	\$80.00
5 kg	13107	\$650.00	\$145.00	\$80.00

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

Weight	Part #	Price	Accredited	Non-Accredited
30 kg	13217	\$1,810.00	\$390.00	\$85.00
25 kg	13216	\$1,570.00	\$145.00	\$80.00
24 kg	13215	\$1,530.00	\$145.00	\$80.00
20 kg	13214	\$1,340.00	\$145.00	\$80.00
16 kg	13213	\$1,150.00	\$145.00	\$80.00
10 kg	13212	\$905.00	\$145.00	\$80.00
8 kg	13211	\$840.00	\$145.00	\$80.00
5 kg	13210	\$630.00	\$145.00	\$80.00

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

Weight	Part #	Price	Accredited
30 kg	13320	\$1,670.00	\$80.00
25 kg	13319	\$1,420.00	\$75.00
24 kg	13318	\$1,350.00	\$75.00
20 kg	13317	\$1,160.00	\$75.00
16 kg	13316	\$1,020.00	\$75.00
10 kg	13315	\$805.00	\$75.00
8 kg	13314	\$795.00	\$75.00
5 kg	13313	\$560.00	\$75.00



Replacement Cases

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

BALANCE CALIBRATION WEIGHTS / METRIC SINGLE WEIGHTS

RANGE: 5 kg – 10 g

Class 1 Polished Finish Cylindrical

Weight	Part #	Price
5 kg	12959	\$765.00
4 kg	12957	\$665.00
3 kg	12955	\$395.00
2 kg	12953	\$230.00
1,500 g	12986	\$200.00
1,000 g	12972	\$170.00
600 g	12984	\$185.00
500 g	12951	\$145.00
400 g	12969	\$140.00
300 g	12967	\$135.00
200 g	12949	\$135.00
160 g	12982	\$145.00
150 g	12980	\$98.00
100 g	12947	\$90.00
50 g	12965	\$83.00
30 g	12963	\$83.00
20 g	12961	\$83.00
10 g	12945	\$83.00

Optional Certificate

Accredited	Non-Accredited
\$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
\$125.00	\$60.00
\$125.00	\$60.00
\$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

Class 3 Satin Finish Cylindrical

Weight	Part #	Price
5 kg	13180	\$580.00
4 kg	13178	\$550.00
3 kg	13176	\$300.00
2 kg	13174	\$195.00
1,500 g	13207	\$195.00
1,000 g	13193	\$160.00
600 g	13205	\$165.00
500 g	13172	\$130.00
400 g	13190	\$130.00
300 g	13188	\$120.00
200 g	13170	\$105.00
160 g	13203	\$135.00
150 g	13201	\$83.00
100 g	13168	\$77.00
50 g	13186	\$72.00
30 g	13184	\$72.00
20 g	13182	\$72.00
10 g	13166	\$72.00

Optional Certificate

Accredited	Non-Accredited
\$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
\$125.00	\$60.00
\$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

Class 2 Polished Finish Cylindrical

Weight	Part #	Price
5 kg	13077	\$610.00
4 kg	13075	\$600.00
3 kg	13073	\$310.00
2 kg	13071	\$205.00
1,500 g	13104	\$200.00
1,000 g	13090	\$165.00
600 g	13102	\$170.00
500 g	13069	\$140.00
400 g	13087	\$135.00
300 g	13085	\$125.00
200 g	13067	\$125.00
160 g	13100	\$135.00
150 g	13098	\$90.00
100 g	13065	\$83.00
50 g	13083	\$77.00
30 g	13081	\$77.00
20 g	13079	\$77.00
10 g	13063	\$77.00

Optional Certificate

Accredited	Non-Accredited
\$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
\$125.00	\$60.00
\$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

Class 4 Satin Finish Cylindrical

Weight	Part #	Price
5 kg	13283	\$505.00
4 kg	13281	\$475.00
3 kg	13279	\$295.00
2 kg	13277	\$185.00
1,500 g	13310	\$180.00
1,000 g	13296	\$160.00
600 g	13308	\$160.00
500 g	13275	\$125.00
400 g	13293	\$125.00
300 g	13291	\$105.00
200 g	13273	\$98.00
160 g	13306	\$130.00
150 g	13304	\$77.00
100 g	13271	\$72.00
50 g	13289	\$72.00
30 g	13287	\$72.00
20 g	13285	\$72.00
10 g	13269	\$72.00

Optional Certificate

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

Replacement Cases

Main Cases		
Class 1, 2, 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 1, 2, 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



ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

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	\$1,970.00	\$285.00	\$85.00
30 lb	13037	\$1,540.00	\$130.00	\$85.00
25 lb	13036	\$1,100.00	\$130.00	\$85.00
20 lb	13035	\$1,100.00	\$130.00	\$85.00
10 lb	13034	\$795.00	\$130.00	\$85.00

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

Weight	Part #	Price	Accredited	Non-Accredited
50 lb	13155	\$1,680.00	\$285.00	\$85.00
30 lb	13154	\$1,240.00	\$130.00	\$85.00
25 lb	13153	\$970.00	\$130.00	\$85.00
20 lb	13152	\$930.00	\$130.00	\$85.00
10 lb	13151	\$650.00	\$130.00	\$85.00

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

Weight	Part #	Price	Accredited	Non-Accredited
50 lb	13258	\$1,580.00	\$285.00	\$85.00
30 lb	13257	\$1,100.00	\$130.00	\$85.00
25 lb	13256	\$835.00	\$130.00	\$85.00
20 lb	13255	\$815.00	\$130.00	\$85.00
10 lb	13254	\$640.00	\$130.00	\$85.00

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

Weight	Part #	Price	Accredited
50 lb	13361	\$1,560.00	\$80.00
30 lb	13360	\$1,040.00	\$80.00
25 lb	13359	\$765.00	\$80.00
20 lb	13358	\$680.00	\$80.00
10 lb	13357	\$520.00	\$80.00



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
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$105.00	\$70.00
\$105.00	\$70.00
\$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 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
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$105.00	\$70.00
\$105.00	\$70.00
\$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 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
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$105.00	\$70.00
\$105.00	\$70.00
\$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 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
\$80.00
\$80.00
\$80.00
\$80.00
\$65.00
\$65.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00
\$40.00

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



ASTM
PRECISION

OIML
PRECISION

BALANCE
CALIBRATION

STAINLESS
FIELD WEIGHTS

CAST IRON
FIELD WEIGHTS

SPECIALTY

ACCESSORIES

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
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$105.00	\$70.00
\$105.00	\$70.00
\$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 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
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$130.00	\$85.00
\$105.00	\$70.00
\$105.00	\$70.00
\$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

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

