

CALIBRATION WEIGHTS

CLASSES OF ACCURACY AND OTHER INFORMATION

Midland Scales can provide calibration weights from 1mg upto 50kg, plus large 100 - 2000kg weights to order.

DKD calibration certificates which are international valid are available. They show proof of traceability to national standards as requested by Din EN ISO 9000 and DIN EN ISO/IEC 17025. Please note that the Calibration certificates must be ordered at the same time as the weights.

Calibration Certificates are necessary for many businesses that offer ISO9001, QS9000, TS16949, VDA6.1, FDA, GLP, GLM and many other quality management systems.

[Midland Scales](#) can supply calibration weights in Tolerances of E1, E2, F1, F2, M1, M2 and M3.

Nominal Value	Classes of accuracy (Tolerance +/-)						
	E1	E2	F1	F2	M1	M2	M3
1mg	±0.003mg	±0.006mg	±0.020mg	±0.06mg	±0.20mg		
2mg	±0.003mg	±0.006mg	±0.020mg	±0.06mg	±0.20mg		
5mg	±0.003mg	±0.006mg	±0.020mg	±0.06mg	±0.20mg		
10mg	±0.003mg	±0.008mg	±0.025mg	±0.08mg	±0.25mg		
20mg	±0.003mg	±0.010mg	±0.03mg	±0.10mg	±0.3mg		
50mg	±0.004mg	±0.012mg	±0.04mg	±0.12mg	±1.4mg		
100mg	±0.005mg	±0.016mg	±0.05mg	±0.16mg	±0.5mg	±1.6mg	
200mg	±0.006mg	±0.020mg	±0.06mg	±0.20mg	±0.6mg	±2.0mg	
500mg	±0.008mg	±0.025mg	±0.08mg	±0.25mg	±0.8mg	±2.5mg	
1g	±0.010mg	±0.03mg	±0.10mg	±0.3mg	±1.0mg	±3.0mg	±10mg
2g	±0.012mg	±0.04mg	±0.12mg	±0.4mg	±1.2mg	±4.0mg	±12mg
5g	±0.016mg	±0.05mg	±0.16mg	±0.5mg	±1.6mg	±5.0mg	±16mg
10g	±0.020mg	±0.06mg	±0.20mg	±0.6mg	±2.0mg	±6.0mg	±20mg
20g	±0.025mg	±0.08mg	±0.25mg	±0.8mg	±2.5mg	±8.0mg	±25mg
50g	±0.03mg	±0.10mg	±0.3mg	±1.0mg	±3.0mg	±10mg	±30mg
100g	±0.05mg	±0.16mg	±0.5mg	±1.6mg	±5.0mg	±16mg	±50mg
200g	±0.10mg	±0.3mg	±1.0mg	±3.0mg	±10mg	±30mg	±100mg
500g	±0.25mg	±0.8mg	±2.5mg	±8.0mg	±25mg	±80mg	±250mg
1kg	±0.5mg	±1.6mg	±5.0mg	±16mg	±50mg	±160mg	±500mg
2kg	±1.0mg	±3.0mg	±10mg	±30mg	±100mg	±300mg	±1000mg
5kg	±2.5mg	±8.0mg	±25mg	±80mg	±250mg	±800mg	±2500mg
10kg	±5.0mg	±16mg	±50mg	±160mg	±500mg	±1600mg	±5000mg
20kg	±10mg	±30mg	±100mg	±300mg	±1000mg	±3000mg	±10g
50kg	±25mg	±80mg	±250mg	±800mg	±2500mg	±8000mg	±25g
100kg		±160mg	±500mg	±1600mg	±5000mg	±16g	±50g
200kg		±300mg	±1000mg	±3000mg	±10g	±30g	±100g
500kg		±800mg	±2500mg	±8000mg	±25g	±80g	±250g
1000kg		±1600mg	±5000mg	±16g	±50g	±160g	±500g
2000kg			±10g	±30g	±100g	±300g	±1000g
5000kg			±25g	±80g	±250g	±800g	±2500g

0.1mg = 0.0001g / 1mg = 0.001 / 10mg = 0.01g / 100mg = 0.1g / 1000mg = 1g

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

E1 CALIBRATION TEST WEIGHTS

Stainless Steel Wires



Milligram Weights, available in 1mg, 2mg, 5mg, 10mg, 20mg, 50mg, 100mg, 200mg and 500mg

Stainless Steel Test Single Weights



Available in 1g, 2g, 5g, 10g, 20g, 50, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg

Stainless Steel Weight Sets



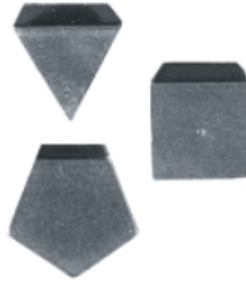
Available in the following sets:

1mg – 500mg, 1mg – 50g, 1mg – 100g, 1mg – 200g, 1mg – 500g, 1mg – 1kg, 1mg – 2kg, 1mg – 5kg, 1mg – 10kg
1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

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E2 CALIBRATION TEST WEIGHTS

Aluminium / Nickel Silver Flat Polygonal Sheets



Milligram Weights, available in 1mg, 2mg, 5mg, 10mg, 20mg, 50mg, 100mg, 200mg and 500mg

Stainless Steel Test Single Weights / Cylindrical Weights



Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg

Stainless Steel Weight Sets



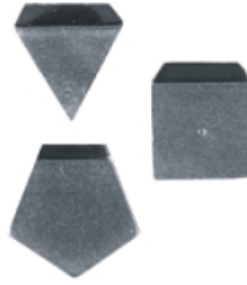
Available in the following sets:

1mg – 500mg, 1mg – 50g, 1mg – 100g, 1mg – 200g, 1mg – 500g, 1mg – 1kg, 1mg – 2kg, 1mg – 5kg, 1mg – 10kg
1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

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F1 CALIBRATION TEST WEIGHTS

Aluminium / Nickel Silver Flat Polygonal Sheets



Milligram Weights, available in 1mg, 2mg, 5mg, 10mg, 20mg, 50mg, 100mg, 200mg and 500mg

Stainless Steel and Nickel Plated Brass Test Single Weights / Cylindrical Weights



Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg

Stainless Steel Weight Sets



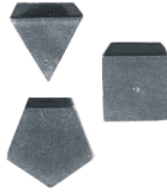
Available in the following sets:

1mg – 500mg, 1mg – 50g, 1mg – 100g, 1mg – 200g, 1mg – 500g, 1mg – 1kg, 1mg – 2kg, 1mg – 5kg, 1mg – 10kg
1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

F2 CALIBRATION TEST WEIGHTS

Aluminium / Nickel Silver Flat Polygonal Sheets



Milligram Weights, available in 1mg, 2mg, 5mg, 10mg, 20mg, 50mg, 100mg, 200mg and 500mg

Finely Turned Stainless Steel Weights and Stackable Stainless Steel Weights



Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg



Stackable available in 10kg, 20kg and 50kg

Stainless Steel Weight Sets



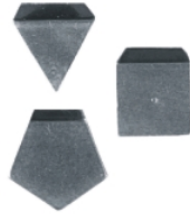
Available in the following sets:

1mg – 500mg, 1mg – 50g, 1mg – 100g, 1mg – 200g, 1mg – 500g, 1mg – 1kg, 1mg – 2kg, 1mg – 5kg, 1mg – 10kg
1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

M1 CALIBRATION TEST WEIGHTS

Aluminium / Nickel Silver Flat Polygonal Sheets



Milligram Weights, available in 1mg, 2mg, 5mg, 10mg, 20mg, 50mg, 100mg, 200mg and 500mg

Finely Turned Stainless Steel And Finely Turned Brass Weights

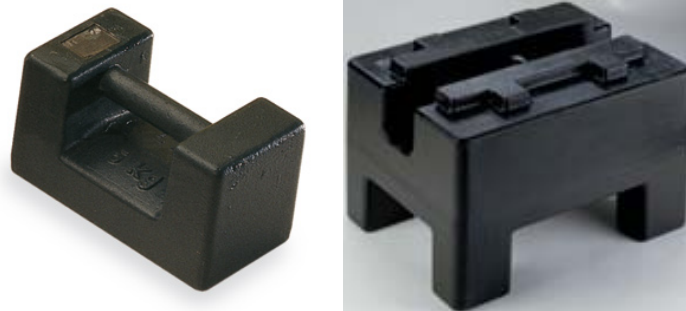


Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg



Stackable available in 10kg, 20kg and 50kg

Standard and Heavy Duty Cast Iron Lacquered Weights



Available in 5kg, 10kg, 20kg and 50kg

Heavy Duty Available in 100kg, 200kg, 500kg, 1000kg and 2000kg

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

M1 CALIBRATION WEIGHTS continued

Slotted Brass Weights, Brass Beam Bars For Fixing Slotted Weights and Hook Weights



Slotted Weights in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg and 10kg

Beam bars in 10g (100g), 100g (1kg), 500g (10kg) and 1000g (10kg) (Largest slotted weight)

Hook Weights in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg and 10kg

Weight Sets in Finely Turned Stainless Steel and Finely Turned Brass



Available in the following sets:

1mg – 500mg, 1mg – 50g, 1mg – 100g, 1mg – 200g, 1mg – 500g, 1mg – 1kg, 1mg – 2kg, 1mg – 5kg, 1mg – 10kg

1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

M2 CALIBRATION TEST WEIGHTS

Finely Turned Brass Weights



Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg and 10kg

Rectangular Cast Iron Lacquered Weights



Available in 5kg, 10kg, 20kg and 50kg

Weight Sets in Finely Turned Brass



Available in the following sets:

1g – 50g, 1g, 100g, 1g – 200g, 1g- 500g, 1g- 1kg, 1g – 2kg, 1g – 5kg, 1g- 10kg

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

M3 CALIBRATION TEST WEIGHTS

EU-OIML shape Brass Weights



Available in 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg and 2kg

Knob Weights in Cast Iron



Available in 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg and 50kg

Rectangular Cast Iron Lacquered Weights



Available in 5kg, 10kg, 20kg and 50kg

Brass-Cast iron weight sets



Available in 1g – 1kg, 1g – 2kg, 1g – 5kg, 1g – 10kg (All set in a wooden block)

[To Order Calibration Weights, Click here to visit Midland Scales Website](#)

OPTIONAL EXTRAS



There are various other accessories available on request for our calibration weight ranges, such as Single Wooden Lined Boxes, Plastic Lined Boxes, Plastic Carrying Cases, Wooden Boxes for Sets, Tweezers, Weight Forks, Cotton Gloves, Weight Handles and Dust Brushes.



BREAKDOWN OF WEIGHT SET CONTENTS:

Set of weights	Total amount	1 mg	2 mg	2 mg	5 mg	10 mg	20 mg	20 mg	50 mg	100 mg	200 mg	200 mg	500 mg	1 g	2 g	2 g	5 g	10 g
1 mg - 500 mg	1,11 g	1	2	2	5	10	20	20	50	100	200	200	500					
1 mg - 50 g														1	2	2	5	10
1 mg - 100 g														1	2	2	5	10
1 mg - 200 g														1	2	2	5	10
1 mg - 500 g														1	2	2	5	10
1 mg - 1 kg														1	2	2	5	10
1 mg - 2 kg														1	2	2	5	10
1 mg - 5 kg														1	2	2	5	10
1 mg - 10 kg														1	2	2	5	10