Wedderburn®
Since 1896.

Test Weights for Scales

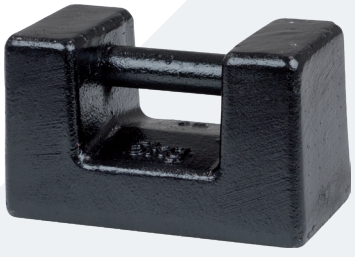
Test weights and calibration weights, often referred to as “masses”, are designed specifically for the testing and adjustment of weighing systems, from precision balances to heavy duty industrial scales.

They are available in a wide range of classes, sizes, materials and accuracies. The combination of these specifications will determine which masses suit your purpose, whether or not they meet your quality assurance processes, and will also affect the price greatly.

When choosing masses, you need to consider the following aspects.

- Accuracy (class) of mass
- Size of mass. Masses come in sizes that are multiples of 1, 2 and 5. This means that if you want a 1200 g test piece, then you would need to purchase a 1kg (1,000 g) and a 200 g mass.
- Material the mass is constructed from. This is particularly important if they will be used in a “food safe” area.
- Budget
- Calibration frequency

Wedderburn specialists can advise you on the correct masses to purchase based on your specific requirements. Alternatively, you can find further information on test weight selection and proper care in our publication “Wedderburn Guide to Mass Selection and Testing”.



Specifications may change without notice

Freephone: 0800 800 379 **enquiries@wedderburn.co.nz** **www.wedderburn.co.nz**

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Test Weights for Scales

OIML CLASS F1 MASSES - SOLID

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
GY0700	1 g	>3,000kg m³	> 30,000e < 100,000e	316 Grade Stainless Steel	Solid	<0.005
GY0701	2 g	>4,000kg m³				
GY0702	5 g	>5,300kg m³				
GY0703	10 g	>6,000kg m³				
GY0704	20 g	>6,600kg m³				
GY0705	50 g	>7,390kg m³				
GY0706	100 g	>7,390kg m³				
YL0190	2 kg	>7,390kg m³		304 Grade Stainless Steel		
YL0191	1 kg	>7,390kg m³				
YL0192	500 g	>7,390kg m³				
YL0193	200 g	>7,390kg m³				
YL0194	100 g	>7,390kg m³				
YL0195	50 g	>7,390kg m³				
YL0196	20 g	>6,600kg m³				
YL0197	10 g	>6,000kg m³				
YL0198	5 g	>5,300kg m³				
YL0199	2 g	>4,000kg m³				
YL0200	1 g	>3,000kg m³				

OIML CLASS F2 MASSES - FOIL

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
YL0001	1 mg	-	> 10,000e <40,000e	Aluminium Foil	Solid	-
YL0002	2 mg	-				
YL0003	5 mg	-				
YL0004	10 mg	-				
YL0005	20 mg	-				
YL0006	50 mg	-		Brass Foil		
YL0008	100 mg	-				
YL0010	200 mg	-				
YL0012	500 mg	-				

OIML CLASS F2 MASSES - KNOB

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
GY0720	10 g	>4,000kg m³	> 10,000e <40,000e	Stainless Steel	Solid	<0.05
GY0721	20 g	>4,800kg m³				
GY0722	50 g	>6,000kg m³				
GY0723	100 g	>6,400kg m³				
GY0724	200 g	>6,400kg m³				
GY0725	500 g	>6,400kg m³				
GY0726	1 kg	>6,400kg m³				
GY0727	2 kg	>6,400kg m³				
GY0728	5 kg	>6,400kg m³				

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OIML CLASS M1 MASSES - KNOB

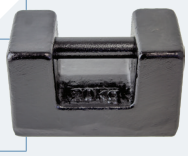
Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
YL0023	1 g	≥4,400kg m³	< 10,000e	Brass	Solid	<0.005
YL0025	2 g					
YL0027	5 g					
YL0029	10 g					
YL0031	20 g					
YL0033	50 g					
YL0035	100 g			Brass	Adjustment Cavity	
YL0037	200 g					
YL0039	500 g					
YL0041	1 kg					
YL0043	2 kg					
GY0730	10 kg			Stainless Steel	Adjustment Cavity	
GY0731	20 kg					

OIML CLASS M1 MASSES - HEXAGON

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
YL0100	100 g	≥4,400kg m³	< 10,000e	Cast Iron	Adjustment Cavity	NA
YL0102	200 g					
YL0104	500 g					
YL0108	1 kg					
YL0112	2 kg					

OIML CLASS M1 MASSES - HAND

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
YL0116	5 kg	≥4,400kg m³	< 10,000e	Cast Iron	Adjustment Cavity	NA
YL0120	10 kg					
YL0124	20 kg					



OIML CLASS M1 MASSES - BLOCK

Model Number	Nominal Value	Density	Optimal Use In	Material	Structure	Magnetic Susceptibility
YL0252	500 kg	≥2,300kg m³	< 10,000e	Cast Iron	Adjustment Cavity	NA

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