





Test Weights

Overview, Benefits, Features


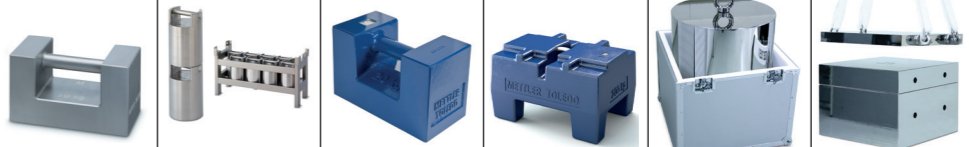


METTLER TOLEDO

Essentials for Laboratory Test Weights

				
	Monobloc	Monobloc	Adjusting Cavity	Adjusting Cavity
	Signature Line	Premium Line	Standard Line	ASTM
OIML Class				
E1				1 Class
E2				2 Class
F1				3 Class
F2				4 Class
M1				
Features				
Guaranteed Positive Tolerances	•			
Full Lifetime Guarantee	•			
Vacuum Melted Stainless Steel	•	•		
Electrolytic adjustment	•	•		
WeightLink	•			
Robust and durable	•	•	•	•
Material				
Steel	904L	904L	304L	316L
Density kg/dm ³	8± -0.002	8± -0.002	7.92	7.94-7.96
Susceptibility	<0.005	<0.005	<0.05 - 0.2	<0.01
Polarization μT	<2.5	<2.5	F1 <25 F2, M1 <80	E2 <8 F1 <25
Other				
Certificate available	•	•	•	•
Box Material	Wood/Plastic	Wood/Plastic	Plastic	Plastic
Box Set Material	Aluminum	Aluminum	Plastic	Plastic
Range				
Mass kg	1mg, 2mg, 5mg, 10mg, 20mg, 100mg, 200mg, 500mg, 1g, 2g, 5g, 10g, 20g, 50g, 100g, 200g, 500g, 1kg, 2kg, 5kg, 10kg, 20kg			

Essentials for Industrial Test Weights

							
	Grip Handle			Cast Iron		Stainless Steel	
	Stainless Steel			Cast Iron		Stainless Steel	
OIML Class							
F1							
F2							
M1							
M2							
M3							
Range kg							
5000kg					•		
2000kg					•	•	
1000kg					•	•	•
500kg					•	•	•
200kg			•		•	•	•
100kg					•	•	•
50kg					•		
20kg	•	•	•	•			
10kg	•	•	•	•			
5kg	•	•	•	•			
2kg	•	•					
1kg	•	•					
Material							
Shape	Adjusting Cavity						
Density kg/dm ³	7950±140kg/m ³			7200±600kg/m ³		7950±140kg/m ³	
Susceptibility	<0.2	-	<0.8	-	-	F1 <0.2 F2 <0.8	F1 <0.2 F2 <0.8
Polarization μT	<25	<250	F1 <25 F2 <80 M1 <250	M1 <250, M2 <800 M3 <2500	<250	F1 <25 F2 <80	F1 <25 F2 <80
Other							
Certificate	•	•	•	•	•	•	•
Box individual	Separate				-	+	-
Specificity	Aluminium		40kg carrier for 8x 20kg	Aluminium	+ PVC cover	Aluminium	Incl. lifting tools
Stackable	+	+	+	+	+	-	+

Our Expertise

From Micrograms to Tons

METTLER TOLEDO has an extensive weight portfolio, from low capacity weights for the laboratory to high capacity weights for industrial applications – all available in appropriate weight classes to meet your individual requirements.



Laboratory Weights

- Single weights and weight sets
- 0.05 mg - 50 kg, Class E0* plus OIML Classes E1 - M1
- 1 mg - 20 kg, ANSI/ASTM Classes 1,4
- Positive tolerances with 'Stay-in-Tolerance' lifetime guarantee for Signature Line weights

*Applies to METTLER TOLEDO microgram weights



CarePacs®

- Manufacturer recommended weight sets with two selected weights for testing balance weighing ranges up to 8 kg
- Easy and quick to use testing approach supported by manufacturer SOPs
- Test against process tolerances as low as 0.03 %



Industrial Weights

- 1 kg - 5 tons, OIML Classes F1 - M3
- Stackable heavy capacity cast iron weights for safe stacking and handling
- Stainless steel grip handle weights are available for the highest quality requirements in regulated industries

www.mt.com/weights

For more information

METTLER TOLEDO Group

Laboratory Weighing

Local contact: www.mt.com/contacts

Subject to technical changes

© 08/2018 METTLER TOLEDO. All rights reserved

30493319

Global MarCom 2573 LG



For quotes or technical information regarding weights please contact us at: support.labtech@mt.com