

Stainless Steel Grip Handle Weights

Flexibility in Scale Testing



Unmatched Flexibility

Use single weights for calibration of bench scales or fully fitted weight carriers for higher capacity industrial scales. Weight carriers can be lifted by cranes or fork lifts, and can take as much as 8 x 20 kg, bringing the maximum load including carrier to 200 kg. All weights and carriers are fitted with an adjusting cavity so they can be calibrated and certified as one unit.



Safe and Fast Stacking

Extra space around the handle allows convenient grabbing and lifting by hand. Weights can be stacked safely as the rim allows proper centering and prevents weights from falling off the stack.



Traceability

A unique serial number ensures traceability and allows customers to track serial numbers and assign weights to weighing equipment. Upon request, conventional mass values are reported in calibration certificates, issued under the scope of ISO17025.



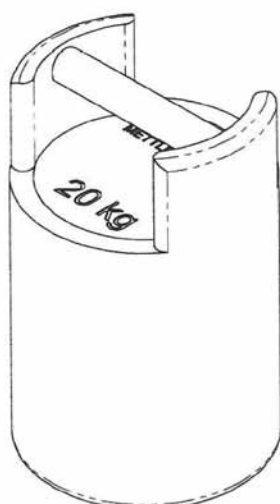
Cylindrical Stainless Steel Weights

Safe Scale and Balance Testing

METTLER TOLEDO's cylindrical stainless steel grip handle weights are manufactured in accordance with International Recommendation OIML-R111 regarding material, surface conditions, density and magnetism. While traditional knob weights cannot be stacked safely, cylindrical weights have a rim to safely center and stack weights – a feature that makes these weights the preferred solution for service technicians. The stainless steel construction and the cavity closure made of tin instead lead makes these weights the perfect solution for wash down applications and clean room use in regulated industries.

Weights are available in OIML class F_2 or M_1 and with nominal values of 5 kg, 10 kg, 20 kg and 50 kg.

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Technical Specifications

Tolerance	OIML class F ₂ , M ₁ (according to OIML R111-1:2004)
Material weight	Stainless Steel
Density ρ	7900 kg/m ³ $\pm$ 140 kg/m ³
Susceptibility χ	< 0.8
Polarization $\mu_0 M$	< 80 μ T
Surface	Precision-turned finish
Adjusting cavity	According OIML, Type 1

Stainless Steel Grip Handle Weights, OIML class F₂

Order Number*	Nominal Value (kg)	MPE ($\pm \delta m$ in mg)	Diameter (mm)	Height (mm)
11116650	5 kg	± 80 mg	137	91
11116651	10 kg	± 160 mg	137	134
11116652	20 kg	± 300 mg	137	219
11116653	50 kg	± 800 mg	198	248.5

Stainless Steel Weight Carrier

Order Number*	Nominal Value (kg)	MPE ($\pm \delta m$ in mg)	Width (mm)	Length (mm)	Height (mm)
11116654	40 kg	± 600 mg	272	720	400

*Please contact your local dealer for order numbers incl. calibration certificate

Stainless Steel Grip Handle Weights, OIML class M₁

Order Number*	Nominal Value (kg)	MPE ($\pm m$ in mg)	Diameter (mm)	Height (mm)
11116600	5 kg	± 250 mg	137	91
11116610	10 kg	± 500 mg	137	134
11116620	20 kg	± 1000 mg	137	219
11116630	50 kg	± 2500 mg	198	248.5

Stainless Steel Weight Carrier

Order Number*	Nominal value (kg)	MPE ($\pm \delta m$ in mg)	Width (mm)	Length (mm)	Height (mm)
11116640	40 kg	± 2000 mg	272	720	400

*Please contact your local dealer for order numbers incl. calibration certificate

For quotes or technical information regarding weights
please use this email address: weights@mt.com



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