

Certificate

METTLER TOLEDO

Production Certificate of Basic Line Weights



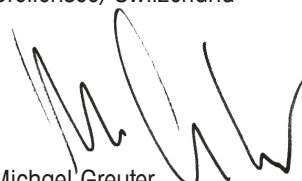
The Business Area Weights & Calibration Services of Mettler-Toledo AG confirms, that Basic Line weights (1 mg – 500 mg sheet and 1 g – 20 kg knob shape) in OIML classes F and M are manufactured following the OIML recommendation R 111-1:2004 and are produced according the management system ISO 9001.

Technical specifications

	F1	F2	M1
Material	Stainless steel, grade 304		
Density ρ	7950 kg/m ³ ± 140 kg/m ³		
Susceptibility χ	< 0.2	< 0.8	< 0.8
Polarization $\mu_0 M$	< 25 μ T	< 80 μ T	< 250 μ T
Roughness R_z	< 2.0 μ m	< 2.0 μ m	n/a
Roughness R_a	< 0.4 μ m	< 0.4 μ m	n/a
Adjusting cavity	≥ 10 g	≥ 10 g	≥ 100 g

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