



SCS Directory

Accreditation number: SCS 0032

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

Mettler-Toledo GmbH
Calibration laboratory
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Initial accreditation: 17.09.1990
Current accreditation: 15.07.2026 to 14.07.2031
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 15.07.2026

Calibration laboratory for mass, volume and temperature

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Calibration and Measurement Capability ¹⁾	Remarks
MASS	50 kg	Substitution weighing,	7,5 mg	
	20 kg	Volume determination	3 mg	
	10 kg		1,5 mg	
	5 kg		0,8 mg	
	2 kg		0,3 mg	
MASS STANDARDS	1 kg; 500 g		0,100 mg; 0,080 mg	
	200 g; 100 g		0,030 mg; 0,015 mg	
	50 g; 20 g		0,010 mg; 0,008 mg	
	10 g; 5 g		0,006 mg; 0,005 mg	
	2 g; 1 g		0,004 mg; 0,003 mg	
	500 mg		0,0025 mg	



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Calibration and Measurement Capability ¹⁾	Remarks
CONVENTIONAL MASS OF WEIGHTS	200 mg; 100 mg	Substitution weighing	0,002 mg; 0,0015 mg	Accuracy classes OIML R111
	50 mg; 20 mg		0,0012 mg; 0,001 mg	
	10 mg; 5 mg		0,0008 mg	
	2 mg; 1 mg		0,0008 mg	
	50 kg		7,5 mg	
	20 kg		3 mg	
	10 kg		1,5 mg	
	5 kg		0,8 mg	
	2 kg		0,3 mg	
	1 kg; 500 g		0,100 mg; 0,080 mg	
	200 g; 100 g		0,030 mg; 0,015 mg	
	50 g; 20 g		0,010 mg; 0,008 mg	
	10 g; 5 g		0,006 mg; 0,005 mg	
	2 g; 1 g		0,004 mg; 0,003 mg	
VOLUME OF MASS STANDARDS	500 mg	Hydrostatic weighing	0,0025 mg	
	200 mg; 100 mg		0,002 mg; 0,0015 mg	
	50 mg; 20 mg		0,0012 mg; 0,001 mg	
	10 mg; 5 mg		0,0008 mg	
	2 mg; 1mg		0,0008 mg	
	2500 cm ³ ... 2400 cm ³		0,30 cm ³	
	1300 cm ³ ... 1200 cm ³		0,025 cm ³	
	650 cm ³ ... 600 cm ³		0,013 cm ³	
	260 cm ³ ... 240 cm ³		0,010 cm ³	
	130 cm ³ ... 120 cm ³		0,0011 cm ³	
Volume of sinker	< 120 cm ³ ... 60 cm ³	Hydrostatic weighing	0,0007 cm ³	sinker of borosilicate glass
	< 60 cm ³ ... 2,0 cm ³		0,0005 cm ³	
	< 2,0 cm ³ ... 0,1 cm ³		0,0009 cm ³	
	8 cm ³ ... 12 cm ³		0,005 cm ³	
Volume of burettes	1 ml, 2 ml, 5 ml, 10 ml, 20 ml, 50 ml	EN ISO 8655-6:2022	0,012 %	Gravimetric methods



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Calibration and Measurement Capability ¹⁾	Remarks
TEMPERATURE	50 °C; 100 °C; 160 °C	Comparison with platinum resistance thermometers in air	0,6 °C 0,15 °C	Bimetallic thermometer on support plate Pt1000 RTD

In case of contradictions in the language versions of the directories, the German version shall apply.

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