



SCS Directory

Accreditation number: SCS 0117

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

Mettler-Toledo (Schweiz) GmbH
Pipette Calibration lab
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Initial accreditation: 30.07.2008
Current accreditation: 30.07.2023 to 29.07.2028
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 21.03.2025

Calibration laboratory for volume

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ ¹⁾	Remarks
VOLUME Piston-operated volumetric apparatus: Dispensers Piston pipettes Piston burettes Dilutors	0,1 μl ... 2 μl 0,1 μ l 0,2 μ l 1 μ l 2 μ l 1 μl ... 10 μl	Gravimetric methods acc. to ISO 8655-6/7:2022	26 nl 29 nl 32 nl 36 nl	Also on-site calibration ²⁾



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ ¹⁾	Remarks
Dispensers Piston pipettes Piston burettes Dilutors	1 μ l		32 nL	
	5 μ l		40 nL	
	10 μ l		50 nL	
	2 μl ... 20 μl			
	2 μ l		36 nL	
	10 μ l		50 nL	
	20 μ l		70 nL	
	5 μl ... 50 μl			
	5 μ l		40 nL	
	25 μ l		90 nL	
	50 μ l		200 nL	
	10 μl ... 100 μl			
	10 μ l		50 nL	
	50 μ l		200 nL	
	100 μ l		400 nL	
	20 μl ... 200 μl			
	20 μ l		70 nL	
	100 μ l		400 nL	
	200 μ l		800 nL	
	100 μl ... 1000 μl			
	100 μ l		400 nL	
	500 μ l		1300 nL	
	1000 μ l		1800 nL	
	200 μl ... 2000 μl			
	200 μ l		800 nL	
	1000 μ l		1800 nL	
	2000 μ l		6000 nL	
	500 μl ... 5000 μl			
	500 μ l		1,3 μ l	



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Dispensers Piston pipettes Piston burettes Dilutors	2500 μ l		6 μ l	
	5000 μ l		16 μ l	
	1000 μl ... 10000 μl			
	1000 μ l		1,8 μ l	
	5000 μ l		16 μ l	
	10000 μ l		20 μ l	
	2000 μl ... 20000 μl			
	2000 μ l		6 μ l	
	10000 μ l		20 μ l	
	20000 μ l		42 μ l	
	5000 μl ... 50000 μl			
	5000 μ l		16 μ l	
	25000 μ l		42 μ l	
	50000 μ l		61 μ l	
	10000 μl ... 100000 μl			
	10000 μ l		20 μ l	
	50000 μ l		61 μ l	
	100000 μ l		86 μ l	
Gravimetric methods				
Multichannel piston pipettes	1 μl ... 10 μl			
	1 μ l		80 nl	
	5 μ l		85 nl	
	10 μ l		100 nl	
	5 μl ... 50 μl			
	5 μ l		85 nl	
	25 μ l		150 nl	
	50 μ l		385 nl	
	30 μl ... 300 μl			
	30 μ l		400 nl	

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Multichannel piston pipettes	150 μ l		465 nI	
	300 μ l		875 nI	
	125 μl ... 1250 μl			
	125 μ l		1,9 μ l	
	625 μ l		2,4 μ l	
	1250 μ l		2,7 μ l	

²⁾ Higher measurement uncertainties are possible with on-site calibrations.

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

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