



SCS Directory

Accreditation number: SCS 0034

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

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Initial accreditation: 02.04.1991
Current accreditation: 05.10.2022 to 04.10.2027
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 29.12.2025

Calibration laboratory for pressure, temperature and humidity

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm 1)$	Remarks
Absolute pressure Calibration of pressure measuring instruments: Pressure Sensor, pressure transmitter, logger, measuring system, barometer Mechanical, electrical, electronic, direct-reading, with output signal	1 mbar ... 3450 mbar 1 mbar ... 1400 mbar		0,5 mbar 0,25 mbar	Comparison with the reference pressure generated by pressure references Absolute References



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm 1)$	Remarks
Overpressure Calibration of pressure measuring instruments: Pressure Sensor, pressure transmitter, logger, measuring system Mechanical, electrical, electronic, direct-reading, with output signal	1 bar ... 2500 bar		0,03 %	Comparison with the reference pressure generated by pressure references Dead Weight Tester, Absolute References
Overpressure Calibration of deadweight testers	1 bar ... 700 bar		0,03 %	
Temperature Calibration of temperature measuring instruments of all kinds: Mechanical Electrical Electronic Direct-reading With output signal Logger Temperature measuring system	-20 °C ... < 40 °C 40 °C ... < 100 °C	In air, in climate chamber	1,4 °C 1,4 °C	Comparison with reference platinum resistance
Temperature Calibration of temperature measuring instruments of all kinds: Mechanical Electrical Electronic Direct-reading With output signal Logger	-80 °C ... 20 °C 4 °C ... 85 °C 80 °C ... 160 °C 160 °C ... 250 °C	In calibration baths	0,05 °C 0,05 °C 0,09 °C 0,10 °C	Comparison with standard platinum resistance thermometer (SPRT)

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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm 1)$	Remarks
Temperature measuring system Relative Humidity Calibration of humidity measuring instruments of all kinds: Mechanical Electrical Electronic Direct-reading With output signal Logger Humidity measuring system		Ambient temperature: 35 °C ... 75 °C 23 °C ... 65 °C 15 °C ... 55 °C 10 °C ... 50 °C	1,1 % RH 1,7 % RH 2,5 % RH 3,2 % RH	Comparison with dew point mirror In climate chamber

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

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