



## SCS Directory

Accreditation number: SCS 0122

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

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Initial accreditation: 25.03.2010  
Current accreditation: 25.03.2020 to 24.03.2025  
Registered under: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 03.09.2021

#### Calibration laboratory for temperature, humidity and differential pressure

##### Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks	Lab
<b>Temperature</b>					
Off-site (laboratory conditions)	-40 °C ...+70 °C	Liquid bath	0.10 °C	Medium water or ethanol	1, 2
Off-site and on-site (at customer site)	0 °C	Ice point (H2O)	0.061 °C		1, 2
	-196 °C	Liquid nitrogen LN2	0.09 °C	Liquid nitrogen container	1, 2
	-90 °C ... +155 °C	Dry block calibrator	0.10 °C		1, 2
	+10 °C ... +40 °C	Humidity Generator	0.30 °C		1, 2



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks	Lab
<b>Differential Pressure</b>					
On-Site Calibration (Customer Site)	-100 Pa ... +100 Pa	Differential pressure generator	0.73 Pa	Environmental conditions: 10 °C ... 40 °C	1
<b>Relative Humidity</b>					
Salt Solutions	0.5 %RH	23 °C	0.11 %RH		1
	5 %RH	23 °C	0.22 %RH		1
Off-site (laboratory conditions)	10 %RH	23 °C	0.33 %RH		1
	20 %RH	23 °C	0.40 %RH		1
	35 %RH	23 °C	0.38 %RH		1
	50 %RH	23 °C	0.38 %RH		1
	65 %RH	23 °C	0.40 %RH		1
	80 %RH	23 °C	0.44 %RH		1
	95 %RH	23 °C	0.49 %RH		1
Humidity Generator					
Off-site and on-site (at customer site)	10 %RH... 35 %RH	20 °C ... 26 °C	0.72 %RH	Environmental conditions: 23°C +/- 3°C	1, 2
	35.1 %RH... 50 %RH	20 °C ... 26 °C	0.79 %RH		1, 2
	50.1 %RH... 90 %RH	20 °C ... 26 °C	1.13 %RH		1, 2
	10 %RH... 35 %RH	10 °C ... <20 °C	1.34 %RH	Environmental conditions: 5°C ... 35°C	1, 2
	35 %RH... 50 %RH	10 °C ... <20 °C	1.41 %RH		1, 2
	50 %RH... 90 %RH	10 °C ... <20 °C	1.67 %RH		1, 2
	10 %RH... 35 %RH	>26 °C ... 40 °C	1.35 %RH		1, 2
	35 %RH... 50 %RH	>26 °C ... 40 °C	1.39 %RH		1, 2
	50 %RH... 90 %RH	>26 °C ... 40 °C	1.63 %RH		1, 2
Comparison to Chilled Mirror					
Off-site (laboratory conditions)	10 %RH... 35 %RH	20 °C ... 26 °C	0.38 %RH		1, 2
	35.1 %RH... 50 %RH	20 °C ... 26 °C	0.52 %RH		1, 2
	50.1 %RH... 90 %RH	20 °C ... 26 °C	0.91 %RH		1, 2
	10 %RH... 35 %RH	10 °C ... 19.9 °C	0.29 %RH		1, 2
	35 %RH... 50 %RH	10 °C ... 19.9 °C	0.75 %RH		1, 2



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	50 %RH... 90 %RH	10 °C ... 19.9 °C	1.32 %RH		1, 2
	10 %RH... 35 %RH	26.1 °C ... 40 °C	0.44 %RH		1, 2
	35 %RH... 50 %RH	26.1 °C ... 40 °C	0.60 %RH		1, 2
	50 %RH... 90 %RH	26.1 °C ... 40 °C	1.06 %RH		1, 2

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

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