



## SCS Directory

Accreditation number: SCS 0153

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

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Initial accreditation: 09.10.2018  
Current accreditation: 09.10.2023 to 08.10.2028  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 09.10.2023

#### Calibration laboratory for the measurement parameters pressure, air flow and length

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

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks
<b>Pressure</b> Hydrostatic Head Testers + Airbag Tester	5 hPa ... 2000 hPa	With digital Manometer 15 ... 40°C	0,2 %, but not smaller than 0.2 hPa	<b>Onsite calibration</b> Calibration of pressure sensors
	20 hPa ... 7000 hPa		0,2 %, but not smaller than 0,7 hPa	
Air Permeability Testers	20 Pa ... 2500 Pa	With digital Manometer 15 ... 40°C	0,4 %, but not smaller than 0,4 Pa	Calibration of test pressure sensor and differential pressure sensor
	70 Pa ... 7000 Pa		0,2 %, but not smaller than 1,0 Pa	



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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks
<b>Volume flow (ambient air)</b>				<b>Onsite calibration</b>
Air Permeability Testers (differential pressure method)	0.009 m <sup>3</sup> /h ... 72 m <sup>3</sup> /h	With steel orifice plates 15 ... 40°C 600 ... 1100 hPa	1,5 %	Determination of 2 or 3 values in measuring each range for the calculation of characteristic curve for the differential pressure method
Air Permeability Testers (thermal sensor method)	0.009 m <sup>3</sup> /h ... 72 m <sup>3</sup> /h	With steel orifice plates 15 ... 40°C 600 ... 1100 hPa	1,5 %	Determination of several values across the full range for the calculation of characteristic curve of the thermal sensor
<b>Length</b>				<b>Onsite calibration</b>
Thickness testing instruments	0,500 mm ... 6,0 mm	With ceramic gauge discs 15 ... 40 °C	0,02 mm	Determination of several values across the full range for the calculation of the characteristic curve of the inductive proximity Sensor
Elmendorf Tearing Testers	60 mm ... 150 mm	With calliper 15 ... 40°C	0,2 mm	Determination of gravity point distance
	1 mm ... 20 mm	With calliper 15 ... 40°C	0,07 mm	Determination of cut depth and sample clamp distance

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

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