



## SCS Directory

Accreditation number: SCS 0152

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

IMT Analytics AG  
Gewerbstrasse 8  
9470 Buchs SG

Head: Marte Andreas  
Responsible for MS: Keller Beat  
Telephone: +41 81 750 67 10  
E-Mail: [customerservice@imtanalytics.com](mailto:customerservice@imtanalytics.com)  
Internet: <http://www.imtanalytics.com>  
Initial accreditation: 07.08.2018  
Current accreditation: 07.08.2023 to 06.08.2028  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 07.08.2023

#### Calibration laboratory for gas pressure, gas flow, humidity and temperature

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

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks
Gas flow (air)	(10 ... 60) NmL/min (60 ... 1000) NmL/min	(15 ... 30) °C (15 ... 30) °C	3,5 % 0,78 %	NmL/min refers to millilitre per minute at 0°C and 1013,25 mbar
	(1 ... 25) NL/min (25.1 ... 300) NL/min	(15 ... 30) °C (15 ... 30) °C	1,00 % 0,47 %	NL/min refers to litre per minute at 0°C and 1013,25 mbar
Gas pressure (gauge)	(-350 ... 350) mbar g	(15 ... 30) °C	0,05 % not smaller than 0,03 mbar	
	(-1 ... 10) bar g	(15 ... 30) °C	0,16 % not smaller than 1,5 mbar	
Gas pressure (absolute)	(920 ... 980) mbar a		0,36 %	Atmospheric pressure
Gas temperature	(15 ... 30) °C		0,5 K	
Gas humidity	(35 ... 80) % RH	(15 ... 30) °C	2,3 % RH	Gas temperature and humidity under the conditions existing at the time of calibration

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



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Abbreviation	Signification
RH	Relative Humidity / Relative Feuchtigkeit

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