



Schweizerische Eidgenossenschaft

Confédération suisse

Confederazione Svizzera

Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER

State Secretariat for Economic Affairs SECO

Swiss Accreditation Service SAS

SCS Directory

Accreditation number: SCS 0073

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

Saphirwerk AG
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Initial accreditation: 08.11.1996
Current accreditation: 19.12.2021 to 18.12.2026
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 19.12.2021

Calibration laboratory for Length

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty \pm^1	Remarks
Length	\varnothing 1 mm ... \varnothing 30,1 mm Spheres without fixing rod	Measurement of the average diameter	0.3 μ m	
	\varnothing 15 mm, \varnothing 20 mm, \varnothing 25 mm, \varnothing 30 mm	Measurement of the average diameter	0.2 μ m	
	\varnothing 5 mm ... \varnothing 35 mm	Measurement of the average diameter	0.23 μ m	
	\varnothing 35 mm ... \varnothing 55 mm	Measurement of the average diameter	0.26 μ m	
Roundness Spheres made of steel or ultra-hard material	\varnothing 1 mm ... 100 mm	Magnification 20000 x Measure HPR Filter: 150 UPR	0.04 μ m	

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

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