



SCS Directory

Accreditation number: SCS 0171

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

Proceq AG
Calibration Lab
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Initial accreditation: 03.08.2022
Current accreditation: 03.08.2022 to 02.08.2027
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 27.04.2026

Calibration laboratory for hardness and optical measurements

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty \pm ¹⁾	Remarks
Hardness:				
Leeb Hardness testing devices	HLD 450 - 800 Leeb	Indirect	0,97 %	ISO 16859-2:2015
	HLE 550 - 850 Leeb	Indirect	0,97 %	
	HLG 400 - 600 Leeb	Indirect	0,97 %	
	HLS 600 - 900 Leeb	Indirect	0,97 %	
	HLC 500 - 850 Leeb	Indirect	0,97 %	
Leeb hardness test blocks	HLDL 650 - 900 Leeb	Indirect	0,97 %	ISO 16859-3:2015
	HLD 450 - 800 Leeb	Indirect	0,95 %	
	HLE 550 - 850 Leeb	Indirect	0,95 %	
	HLG 400 - 600 Leeb	Indirect	0,95 %	
	HLS 600 - 900 Leeb	Indirect	0,95 %	



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Portable Vickers testing device	HLC 500 - 850 Leeb	Indirect	0,95 %	DIN 50159-2:2022-06
	HLDL 650 - 900 Leeb	Indirect	0,95 %	
	UCI HV 0.1 – HV 1.0	Indirect	1,5 * U _{crm}	
	UCI HV 1 – HV 10	Indirect	1,5 * U _{crm}	
Portable Rockwell testing device	HRC 50N 20-65 HRC	Indirect	0,5 HRC	DIN 50157-2:2020-11
Optical quantities:				
Retroreflectometer Road marking				
Day visibility (Q _d)	5 mcd · m ⁻² · lx ⁻¹ ... 400 mcd · m ⁻² · lx ⁻¹	Indirect	10 %	Only Proceq / Zehntner device, Measuring geometry acc. to DIN EN 1436:2018-03
Night visibility (R _L)	5 mcd · m ⁻² · lx ⁻¹ ... 2000 mcd · m ⁻² · lx ⁻¹	Indirect	10 %	Only Proceq / Zehntner device, Measuring geometry acc. to DIN EN 1436:2018-03
Retroreflectometer traffic signs / foils				
Specific reflection value R _A (Night visibility)	1 cd · m ⁻² · lx ⁻¹ ... 2000 cd · m ⁻² · lx ⁻¹	Indirect	7 %	Only Proceq / Zehntner device, Measuring geometry acc. to ASTM E1709-16R22 ASTM E2540-16R22 CUAP 01.06/04 DIN 67520:2025-06 DIN EN 12899-1:2008-02 ISO 20471:2013/Amd 1:2016 ECE 104

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

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