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 0134

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

LEM International Ltd
Calibration and testing laboratory
The Hive 8
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Initial accreditation:	01.08.2013
Current accreditation:	01.08.2023 to 31.07.2028
Scope of accreditation see:	www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 01.08.2023

Calibration laboratory for electrical measurement

Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty ± [1]		Remarks
DC current Current transducer	at 0 A and from ± 10 A to 15 kA	Opposition Transducer with current output	from ± 10 A to 15 kA	16 ppm	
		Comparison Transducer with current output	from ± 10 A to 15 kA	55 ppm	
		Comparison Transducer with voltage output	from ± 10 A to 15 kA	43 ppm	

1) The given extended measurement uncertainty is the standard uncertainty of the measurement multiplied by an extension factor k = 2, which corresponds to a confidence level of about 95% for a normal distribution.

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Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty ± [1)]		Remarks
DC voltage Voltage transducer	at 0 V and from ± 10 V to 10 kV	Reference voltage divider Transducer with voltage output	from ± 10V to 10 kV	180 ppm	
		Reference voltage divider Transducer with current output	de ± 10V à 10 kV	192 ppm	

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

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1) The given extended measurement uncertainty is the standard uncertainty of the measurement multiplied by an extension factor k = 2, which corresponds to a confidence level of about 95% for a normal distribution.