CERTIFICATE OF ACCREDITATION

This is to attest

SMART MESURE SARL

LOTISSEMENT SARA GROUP B IMMOBLE 7 RDC N 5 DEROUA
CASABLANCA 26200, MOROCCO

Calibration Laboratory CL-324

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiration Date November 1, 2027
Effective Date October 30, 2026

IAS ACCREDITED

International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

SMART MESURE SARL

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Accredited to ISO/IEC 17025:2017 *Effective Date October 30, 2026*

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Dimensional			
External Micrometers	0 mm < x ≤ 100 mm	1.2 µm + 5.8E-05 L (L is length in mm)	Direct method using Class 0/1 Gauge blocks, in accordance with the method specified in NF E 11-095.
Calipers	0 mm < x ≤ 500 mm	13 µm + 5.8E-05 L (L is length in mm)	Direct method using Class 0/1-gauge blocks and Plain Ring Gauge, in accordance with the method specified in NF E 11-091)
Dial Gauges	0 mm < x ≤ 25 mm	2.9 µm	Direct method using a comparator calibration bench, in accordance with the requirements of NF E 11-056 and NF E 11-057.
Depth Gages	0 mm < x ≤ 500 mm	13 µm + 5.8E-05 L (L is length in mm)	Direct method using Class 0/1-gauge blocks, in accordance with the method specified in NF E 11-096
Height Gauge	0 mm < x ≤ 500 mm	5.2 µm + 4.4E-05 L (L is length in mm)	Direct method using Class 0/1-gauge blocks and Plain Ring Gauge, in accordance with the method specified in NF EN ISO 13225
Thickness Gauge	0 mm < x ≤ 50 mm	2.8 µm + 2E-06 L (L is length in mm)	Direct method using Class 0/1-gauge blocks and Plastic Thick-ness Gauge, in accordance with the method specified in SM-PT-JEP-01

** If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.*

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MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Ultrasonic Thickness Gauge	0 mm < x ≤ 1 mm	0.8 µm	Direct method using Foils in accordance with the method specified in SM-PT-JEP-01
Microscope / Optical Comparators / Profile Projector[3]	Linear - X & Y Axis 0 mm < x ≤ 50 mm	4.2 µm + 4E-06 L (L is length in mm)	Reference Glass Ruler/Glass Graticule by Direct method Procedure: SM-PT-PP-01
Mechanical			
Vacuum Gauge[3]	-0.95 bar ≤ x < 0 bar	0.2 bar	Comparison method using digital pressure, in accordance with the method specified in RM.Aero 802-02, NF EN 837
Pneumatic Pressure Gauge[3]/ Pressure Transmitters[3]	0 bar < x ≤ 40 bar	0.1 bar + 3.4E-05 P (P is pressure in bar)	Comparison method using digital pressure, in accordance with the method specified in RM.Aero 802-02, NF EN 837
Hydraulic Pressure Gauge[3]/ Pressure Transmitters[3]	0 bar < x ≤ 400 bar	0.8 bar + 8.5E-03 P (P is pressure in bar)	Comparison method using digital pressure, in accordance with the method specified in RM.Aero 802-02, NF EN 837
Scales and Balances [3]	1 g ≤ x ≤ 100 g 100 g < x ≤ 1 kg 1 kg < x ≤ 10 kg 10 kg < x ≤ 300 kg	0.8 mg 0.8 g 1.2 g 8.2 g	Direct measurement by using E2, F1 and M1 class Test Weights NF E 45501
Thermal			
Digital Thermometer, Temp. Gauge, Thermocouple Probe, RTD Probe[3]	-10 °C ≤ x ≤ 100 °C 100 °C < x ≤ 250 °C	0.29 °C 0.36 °C	Comparison method using reference temperature sensor and dry block i accordance with the requirements of FD X 07-28, FD X 07-29 and LAB GTA 08.
Oven / Incubator / Freezer/ Temperature Bath[3]	-20 °C ≤ x ≤ 100 °C 100 °C < x ≤ 300 °C	0.21 °C 0.54 °C	Direct method using temperature measurement chains, in accordance with the requirements of FD X 15 140 (mapping)

[1]The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

[2]When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

[3]Also available as site calibration. Note that actual measurement uncertainties achievable at a customer's site can normally be expected to be larger than the uncertainties listed on this Scope of Accreditation