



SCOPE OF ACCREDITATION TO ISO 17025:2017

X-RITE EUROPE GMBH
Wehntalerstrasse 61a
Regensdorf, 8105, SWITZERLAND
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CALIBRATION

Valid To: January 31, 2028

Certificate Number: 2108.07

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations^{1, 6}:

I. Optical Quantities

Parameter/Equipment ⁴	Range	CMC ^{2, 3} (±)	Comments ⁵
Spectrophotometers –			White reflection standards with:
Model eXact (NGH) (0/45 Optical Geometry)	(400 to 410) nm (420 to 700) nm	1.8 % <i>R</i> 1.1 % <i>R</i>	SPP eXact
Model eXact 2 (ETV) (0/45 Optical Geometry)	(400 to 410) nm (420 to 700) nm	1.8 % <i>R</i> 1.1 % <i>R</i>	SPP ETV

Parameter/Equipment ⁴	Range	CMC ^{2,3} ($\pm$)	Comments ⁵
Spectrophotometers – (cont)			White reflection standards with:
Model MA-x Series and OEM Variants (TOP Spectro-photometer) (Aspecular Optical Geometry):			
15 °	(400 to 410) nm (420 to 700) nm	1.2 % <i>R</i> 1.1 % <i>R</i>	Topaz service manual
25 °	400 nm (410 to 700) nm	1.2 % <i>R</i> 1.1 % <i>R</i>	
45 °	400 nm (410 to 700) nm	1.1 % <i>R</i> 0.96 % <i>R</i>	
75 °	(400 to 410) nm (420 to 700) nm	1.2 % <i>R</i> 1.0 % <i>R</i>	
110 °	(400 to 700) nm	1.2 % <i>R</i>	
Model MA-x Series and OEM Variants (TOP II Spectro-photometer) (Aspecular Optical Geometry):			
-15 °	(400 to 700) nm	1.6 % <i>R</i>	Topaz II service manual
15 °	(400 to 700) nm	1.2 % <i>R</i>	
25 °	400 nm (410 to 700) nm	1.1 % <i>R</i> 1.0 % <i>R</i>	
45 °	400 nm (410 to 700) nm	1.1 % <i>R</i> 0.96 % <i>R</i>	
75 °	(400 to 410) nm (420 to 700) nm	1.1 % <i>R</i> 1.0 % <i>R</i>	
110 °	(400 to 700) nm	1.2 % <i>R</i>	

¹ This laboratory offers commercial calibration service.

- ² Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.
- ³ In the statement of CMC, R is the reflectance.
- ⁴ The product families have the same optical geometries and calibration procedures. The features on the display and outputs are the only differences.
- ⁵ White reflection standards apply to the calibration of approximately 80 % reflectance on a neutral white ceramic. Color calibration is mainly based on inter-instrument agreement.
- ⁶ This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

X-RITE EUROPE GMBH

Regensdorf, SWITZERLAND

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 6th day of January 2026.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2108.07
Valid to January 31, 2028

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.