SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SPINESERV GMBH & CO.KG
Soeflinger Strasse 100
Ulm, Germany 89077
Annette Kienle Phone: +49 731 175 6788
Email: annette.kienle@spineserv.de

CALIBRATION

Valid To: March 31, 2022 Certificate Number: 5702.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Mechanical

Parameter/Equipment	Range	CMC[2] (±)	Comments
Force Verification of Material Testing Machines (Tensile and Compression)	5 N to 10 kN	0.22 %	ASTM E4; ISO 7500-1; DIN EN ISO 7500-1 + Supplement 4
Verification of Displacement Measuring Systems and Devices used in Material Testing Machines	(0.02 to 60) mm	0.23 %	ASTM E2309 ISO 9513 DIN EN ISO 9513

[1] 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.

[2] Uncertainty statements in percentages are percent of readings or as otherwise indicated.

Accredited Laboratory

A2LA has accredited

SPINESERV GMBH & CO.KG

Ulm, Germany

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 8th day of April 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5702.02
Valid to March 31, 2022

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