Gibitre Instruments S.r.l.
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CER_CSET_001	Rev: 01	IN

Calibration Report n° C-SETXXXXXX_66060

Issued 08/05/2026

Customer

Name	C**USTOMER**
Address	A**DDRESS**
	A**DDRESS**
Country	C**OUNTRY**

Order

Number

Instrument

Type	COMPRESSION SET
Model	COMPRESSION SET - PV3307
Producer	GIBITRE INSTRUMENTS S.R.L.
Serial Number	C-SETX**XXXXX**

Calibration

Date of the measures	**08/05/2026**	
Technician	**Mirko Persico**	Habilitation for Calibration

Reference Standard

The calibration is made in accordance to the requirements of the following standards:
ISO 815: Rubber, vulcanized or thermoplastic — Determination of compression set — Part 1: At ambient or elevated temperatures

ISO 18899: Rubber - Guide to the calibration of test equipment

The measurement uncertainties stated in this document have been determined according to the ISO/IEC Guide 98 and to EA-4/02. Usually they have been estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally, this factor k is 2.

Calibration made by:
Mirco Persico

Calibration Report approved by:
Ivan Locatelli

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The measurement results reported in this Calibration Report were obtained following the procedures given in the following pages, where the reference standards or instruments are indicated which garantee the traceability chain of the laboratory, and the related calibration certificates in the course of validity are indicated as well. They relate only to the calibrated item and they are valid for the time and conditions of calibration, unless otherwise specified.

Reference Instruments	Producer	Serial N.	Gibitre Code	Certificate N.	Calibration Laboratory	Issue Date	Due Date	Uncertainty	Unit
Calibration Plate PS 10	Mahr	11654	7053546	LAT 052 2504872DSI	KIWA CERMET ITALIA	26/03/25	26/03/2030	0,7600	µm
Roughness Tester	Mahr	01770/19	RUG_01	RUG_01_23	GIBITRE INSTRUMENTS	11/04/23	11/04/2028	0,7800	µm

ENVIRONMENTAL CONDITIONS

Room Temperature	(23 ± 2) °C
Relative Humidity	(50 ± 10) %

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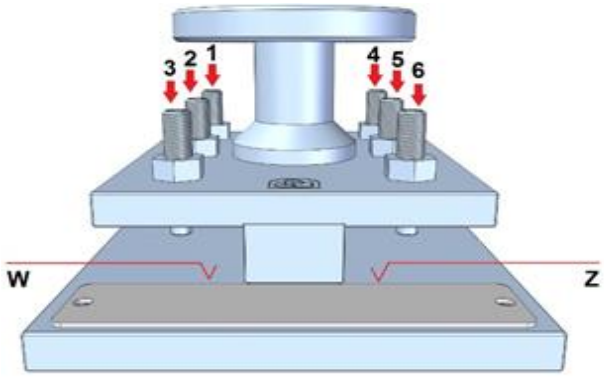

Calibration of: **Surface Rugosity**
Standards: **PV 3307 Elastomer Components - Plastic and Elastic Deformability**

Procedure: The calibration is performed by testing the rugosity in different points of the surfaces of the instrument which are in contact with the sample. The measure is performed using a calibrated Rugosimeter

Reference Instruments:

RUG_01 Uncertanty: (Rz) 0,7800 µm Deviation 0,00 µm

Surface	Max permitted value Rz [µm]	Measure 1 Rz [µm]	Measure 2 Rz [µm]	Measure 3 Rz [µm]	Max Rz [µm]	Uncertanty U_ext_95% µm	Outcome µm
Z	6,3000	3,420	3,774	3,554	3,7740	0,8068	ok
W	6,3000	3,702	3,668	3,818	3,8180	0,7853	ok
1	6,3000	4,597	4,696	4,807	4,8070	0,7894	ok
2	6,3000	4,906	5,027	5,553	5,5530	0,8753	ok
3	6,3000	5,296	5,208	5,136	5,2960	0,7855	ok
4	6,3000	4,807	5,323	5,249	5,3230	0,8439	ok
5	6,3000	4,373	4,627	3,697	4,6270	0,9573	ok
6	6,3000	5,625	5,667	4,445	5,6670	1,1181	ok