

Calibration Report n°**C-SETXXXX_65682****Issued****07/04/2026****Customer**

Name CUSTOMER

Address ADDRESS

ADDRESS

Country

Order

Number YOUR P.O. NO.:4091646014

Instrument

Type COMPRESSION SET

Model COMPRESSION SET - DRIVE (2 PLATENS)

Producer GIBITRE INSTRUMENTS S.R.L.

Serial Number C-SETXXXX

CalibrationDate of the measures **03/04/2026**Technician **Riccardo Fenili**[Habilitation for Calibration](#)**Reference Standard**

The calibration is made in accordance to the requirements of the following standards:

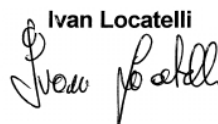
ISO 815: Rubber, vulcanized or thermoplastic — Determination of compression set — Part 1: At ambient or elevated temperatures**ISO 18899: Rubber - Guide to the calibration of test equipment**

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:

Riccardo Fenili

Calibration Report approved by:

Ivan Locatelli


Calibration Report n°
C-SETXXX_65682

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 guarantee 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.

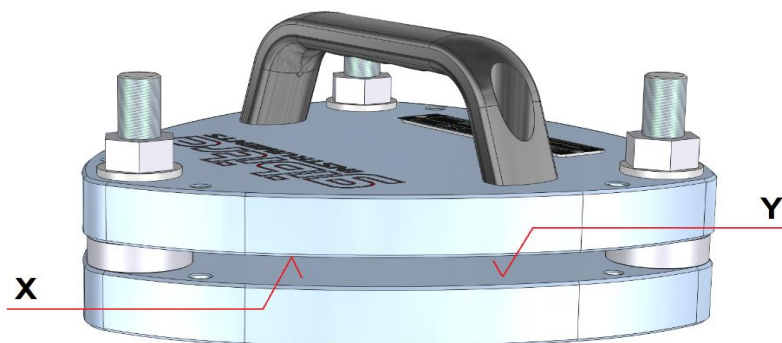
Reference Instruments	Producer	Serial N.	Gibitre Code	Certificate N.	Calibration Laboratory	Issue Date	Due Date	Uncertainty	Unit
Piastra_Rugosimetro PS 10	Mahr	11654	7053546	LAT 052 2504872DSI	KIWA CERMET ITALIA	26/03/25	26/03/2030	0,7600	µm
Rugosimetro	Mahr	01770/19	RUG_01	RUG_01_23	GIBITRE INSTRUMENTS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

ENVIRONMENTAL CONDITIONS

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

Calibration Report n°

C-SETXXX_65682



Calibration of:

Surface Rugosity

Standards:

ISO 815 Rubber, vulcanized or thermoplastic — Determination of compression set

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 Uncertainty: (Ra) 0,1950 μm Deviation 0,00 μm

Surface	Max permitted value Ra [μm]	Measure 1 μm	Measure 2 μm	Measure 3 μm	Mean μm	Uncertainty U_ext_95% μm	Outcome μm
X	0,4000	0,269	0,253	0,261	0,2610	0,1952	ok
Y	0,4000	0,220	0,200	0,200	0,2067	0,1955	ok