

**Calibration Report n°****EBCXXXXXX\_65296****Issued****26/03/2026****Customer**

Name CUSTOMER  
Address ADDRESS  
ADDRESS  
Country COUNTRY

**Order**

Number ORDER

**Instrument**

Type DENSIMETER  
Model DENSITY CHECK - PC (RESOL. 0,001g)  
Producer GIBITRE INSTRUMENTS S.R.L.  
Serial Number EBCXXXXXX

**Calibration**

Date of the measures **26/03/2026**  
Technician **Stefano Bragantini** [Habilitation for Calibration](#)

**Reference Standard**

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

**ISO 2781: Rubber, vulcanized or thermoplastic — Determination of density**

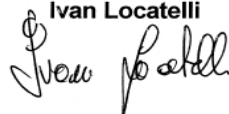
**ISO 18899: Rubber – Guide to the calibration of test equipment**

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:

**Stefano Bragantini**

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 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
Bilancia elettronica BP510S	Sartorius	18908921	BIL03 [0-310 g]	<a href="#">LAT 134 B 023-2025</a>	SOCIETA BILANCIAl PORRO	26/01/25	26/01/2027	0,0017	g
Termoresistenz a PT100 + Calibratore	Gibitre Instruments srl	C1-T-PTA	C1-GB3-CAL-1 + C1-T-PTA	<a href="#">LAT 128T 141 7 22</a>	ELLAB S.r.l.	25/09/22	25/09/2027	0,0540	°C
Peso	Gibitre Instruments srl	C7-WT-1-1	C7-WT-1-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Peso	Gibitre Instruments srl	C7-WT-5-1	C7-WT-5-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Peso	Gibitre Instruments srl	C7-WT-10-1	C7-WT-10-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Peso	Gibitre Instruments srl	C7-WT-50-1	C7-WT-50-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Peso	Gibitre Instruments srl	C7-WT-100-1	C7-WT-100-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Peso	Gibitre Instruments srl	C7-WT-200-1	C7-WT-200-1	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0017	g
Termoresistenz a PT100 + Calibratore	Gibitre Instruments srl	C7-T-PTA	C7-GB3-CAL-1 + C7-T-PTA	<a href="#">CAL107 28755</a>	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,0603	°C

**ENVIRONMENTAL CONDITIONS**

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

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**Calibration Report n°**

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Calibration of: **Analitical Balance**

Sensor Type: **Scale**  
 Model **BCE653I-1S**  
 Serial n° **47405209**  
 Capacity **650 g**  
 Resolution **0,0010 g**

Procedure: Calibrated weights are placed on the plate of the scale. The reading of the scale is recorded The cycle is repeated 3 times

Reference Instruments:

<b>C7-WT-1-1</b>	Weight: 1,0000 g	Uncertainty: 0,0017 g	Deviation 0,02 g
<b>C7-WT-5-1</b>	Weight: 5,0000 g	Uncertainty: 0,0017 g	Deviation 0,02 g
<b>C7-WT-10-1</b>	Weight: 10,0000 g	Uncertainty: 0,0017 g	Deviation 0,05 g
<b>C7-WT-50-1</b>	Weight: 50,0000 g	Uncertainty: 0,0017 g	Deviation 0,01 g
<b>C7-WT-100-1</b>	Weight: 100,0000 g	Uncertainty: 0,0017 g	Deviation 0,02 g
<b>C7-WT-200-1</b>	Weight: 200,0000 g	Uncertainty: 0,0017 g	Deviation 0,05 g

Nominal Value	Real weight	Measure 1	Measure 2	Measure 3	Mean	Accuracy	Uncertainty U_ext_95%
g	g	g	g	g	g	g	g
1,0000	1,0200	1,0180	1,0180	1,0180	1,0180	-0,0020	0,0018
5,0000	5,0200	5,0200	5,0200	5,0200	5,0200	0,0000	0,0018
10,0000	10,0500	10,0540	10,0550	10,0540	10,0543	0,0043	0,0019
50,0000	50,0100	50,0070	50,0080	50,0070	50,0073	-0,0027	0,0019
100,0000	100,0200	100,0230	100,0240	100,0240	100,0237	0,0037	0,0019
200,0000	200,0500	200,0046	200,0046	200,0046	200,0046	-0,0454	0,0018

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Calibration of: **Temperature Measurement**

Sensor Type: **PT 100 Thermoresistance**

Resolution: 0,1 °C

Procedure: The temperature measurement of the test liquid made by the probe installed on the instrument is compared with that measured using the reference instrument. The test is repeated 3 times. The maximum permissible deviation between the averages of the measurements taken is 0.3 °C.

Reference Instruments:

**C7-GB3-CAL-1 + C7-T-PTA**

Uncertainty: 0,0603 °C

Deviation 0,13 °C

**Temperature of Test Liquid**

Instrument Reading	Calibrator Reading	Instrument Reading	Calibrator Reading	Instrument Reading	Calibrator Reading	Mean Instrument Reading	Mean Calibrator Reading	Accuracy	Uncertainty U_ext_95%	Outcome
°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	
18,50	18,21	18,50	18,21	18,50	18,21	18,50	18,21	0,29	0,17	ok