

Issued by
Trescal Ltd
Millennium Park
Naas, Co. Kildare
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APPROVED SIGNATORY

Andy O'Neill (1065)
(Signed electronically)

Customer:

Sensor Tech Ltd, Unit 4 Dunleer Enterprise Park
Dunleer, Co. Louth, A92 HK85, Ireland, Republic of

Location of calibration:

Trescal Ltd, Millennium Park
Naas, Co. Kildare, W91 WF9K,

Equipment Details:

Description:	Digital Thermometer & Probe		
Manufacturer:	Sensorcal		
Type No:	Master Ref Thermometer	Date of Receipt:	27/08/2026
		Order No:	2319
Serial No:	0711500	Our Reference:	173451042
Calibrated By:	Arturs Ruduss	Date of Calibration:	04/09/2026

Calibration Summary

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory. Assessment of conformance has been undertaken in accordance with the agreed decision rule detailed within this certificate.

Status on Receipt: Measured Values Only

No assessment of conformance has been undertaken.

Status on Despatch: Measured Values Only

No assessment of conformance has been undertaken.

Action(s) Taken: Full Calibration

Ambient Conditions: Temperature: 20 $\pm$ 3 °C

Customer requested calibration due date: 04/09/2027

The results given within this certificate only relate to the item calibrated. The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Calibration Comments:

Calibration Procedure: PROC50-IRE.

Calibration Method: The unit under test was calibrated against two reference temperature standards in a series of stable heat sources as defined by the calibration procedure.

Condition: The unit under test was received in working order.

Calibration Equipment Used

Asset No	Due Date	Asset No	Due Date
141-IRE	11/02/2027	162-IRE	17/06/2028
163-IRE	10/10/2026	172-IRE	26/02/2028
207-IRE	17/06/2028	229-IRE	29/08/2027
260-IRE	13/01/2028	319-IRE	02/03/2028
ID286-IRE	27/01/2027		

Customer Instrumentation Includes:

ID	Manufacturer	Model	Description	Serial Number
0711500P	Sensor Technology	PT1000	Probe	0711500P

Certificate of Calibration

UKAS Accredited Calibration Laboratory 0013

Certificate No. 5277360001

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Date 03 - 04 September 2026
Manufacturer SensorCal
Model Number Master Ref Thermometer
Display Serial Number 0711500
Probe Serial Number 0711500P
Probe Diameter 4 mm
Probe Length 170 mm
Immersion Depth 150 mm
Temperature Scale ITS 90

AS RECEIVED RESULTS

Applied Temperature °C	UUT Indicated* °C	Error °C	Uncertainties °C
0.009	0.00	-0.01	0.016
-40.034	-40.03	0.00	0.016
-24.028	-24.03	0.00	0.016
-10.003	-9.98	0.02	0.016
0.015	0.01	0.00	0.016
10.040	10.06	0.02	0.016
20.035	20.05	0.01	0.016
30.006	30.02	0.01	0.016
37.012	37.02	0.01	0.016
40.030	40.02	-0.01	0.016
50.039	50.03	-0.01	0.016
60.011	60.00	-0.01	0.016
70.019	69.99	-0.03	0.016
80.036	79.98	-0.06	0.016
90.049	89.97	-0.08	0.016
100.014	99.91	-0.10	0.016
190.070	189.96	-0.11	0.016
0.012	0.01	0.00	0.016

***Note:**

Average of two readings

Note: The stated uncertainties include contributions for UUT resolution, stability and repeatability during the calibration (see 0°C test points above)

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Temperature CMC System Version 13 06-11-24