GJG

RS Calibration
Calibration and Repair Service
Serial No: 03313682
Cert No: 1976153
Cal Date: 15 May 2026
Recal Due:
STANDARD Calibration
DPN 175 Lammas Road, Corby, Northants, NN17 9RS

Calibration Certificate
Do Not Destroy

Calibration Certificate Attached: 1976153
OD ref: 1265926040

Testo 720 Digital Thermometer first

IMPORTANT INFORMATION

Simply detach the label in the top right hand corner of the new front sheet and apply to your instrument as required.

RS Calibration
Calibration and Repair Service
Serial No: 2A345G02
Cert No: 123456
Cal Date: 01 May 2014
Recal Due:
STANDARD Calibration
DPN 175 Lammas Road, Corby, Northants, NN17 9RS

For Re-Calibration of your unit please email:

calibration.uk@rs-components.com

or call us on 01536 405545 to arrange free collection. Please quote serial number when returning.

RS Calibration

CERTIFICATE OF CALIBRATION

Issued by: RS Components Ltd

Date Issued: 15 May 2026 Certificate No. 1976153

STANDARD Calibration

RS Calibration

Calibration and Repair Service

DPN 175, Lammas Rd,
Weldon Industrial Est
Corby, Northants, NN17 9RS

Tel: 01536 405545
Fax: 01536 401590

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Gerad Greenland

Client	TOTAL LABORATORY SERVICES LTD BLANDFORD FORUM DORSET DT11 8ST
Instrument	Testo 720 Digital Thermometer
Serial No.	03313682
Client Reference	122800
Procedure ID.	512_0266_(20_30_40_50°C)_(PT100_NTC)_(SYSC2_95%) Rev. P1
Probe Stock No.	512-0698
Probe Description	Testo 0609 1273 PT100 Penetration Temperature Probe, 110 mm Length
Date of Calibration	15 May 2026

Equipment Used to Carry Out Calibration	**Equipment ID.**
Fluke 1586A Precision Temperature Scanner	CAL 1339
Fluke 1586-2588 DAQ-STAQ multiplexer	CAL 1340
HART 7340 high precision bath	CAL 1537
	CAL 902, 905

The measurements reported in this certificate were carried out using equipment whose values are traceable to national standards.

The management controls of the RS Calibration Laboratory are registered under the British Standard BS EN ISO 9001 : 2015 No. RS 00362.

Uncertainties

The reported expanded uncertainties are 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%.

This certificate reports recorded values for the instrument 'As Received'.

For certificate statements of conformity see Appendix SCQAR 533

The following calibration results relate only to the items defined above.

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Environment
The ambient temperature and relative humidity throughout the calibration were (21 ± 3) °C and (50 ± 25) %rh respectively.

Method
The instrument was calibrated in the sequence of: 20, 30, 40 & 50 °C
by comparison with reference resistance probes in stirred liquid medium baths.

The reference resistance probes were measured with resistance bridges to determine the true temperature of the test medium.
Prior to the calibration the instrument was allowed to stabilise in the laboratory for a period of not less than 30 minutes.

The immersion depth of the probe was not less than: 90 mm in stirred baths

The UUT was set to type: **Pt100**

The tested resolution of the instrument is as the displayed result.

Reference Measured Temperature	Instrument Indicated	Instrument Error	Measurement Uncertainties	Specification allowance
20.02 °C	20.0 °C	-0.02 °C	± 0.07 °C	± 0.70 °C
30.00 °C	30.0 °C	0.00 °C	± 0.07 °C	± 0.75 °C
40.00 °C	40.0 °C	0.00 °C	± 0.14 °C	± 0.80 °C
50.01 °C	50.0 °C	-0.01 °C	± 0.14 °C	± 0.85 °C

CALIBRATED BY:- GJG

Reported values

The uncertainties quoted refer to the recorded values, which include any identified contribution of the instrument under test and not to the ability of the instrument to maintain it's calibration.

Compliance to Specification

The specification used for the probe is found in :
BS EN 60751:2022, Table 2 Tolerance classes for Thermometers Class B
is used in combination with the specification published by the manufacturer as found in the instrument's handbook and has been used to determine performance at the measured points.

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Reported values not annotated

The instrument complies with the stated specification, due allowance having been made for the uncertainty of measurement which carries no implication regarding the long term stability of the instrument.

END OF CALIBRATION

Appendix SCQAR533 Certificate Statements of conformity

RS Components is standardising how it reports conformity across all disciplines in line with requirements within **ISO/IEC: 17025:2017**.
Where the laboratory reports a statement of conformity to a specification, guidance has been drawn on reporting structure and decision rules from ILAC document series **ILAC-G8:09/2019**.
Unless otherwise instructed by you the Customer, acceptance limits applied are derived from the manufacturers specification or applicable standard (e.g. DIN, EEC, BS etc.) or where applicable: SCQAR532_RS Standard Limits for Calipers, available on request.
The statements found on this certificate produced by RS Components Laboratory are as follow:

1) Reported values with **No Annotation**:
The instrument **passed** the stated specification, even with allowance having been made for the uncertainty of measurement, which carries no implication regarding the long-term stability of the instrument.

2) Reported values annotated with **"#"**
The measured result is a **conditional pass** to the limit but by a margin less than the measurement uncertainty, it is therefore not possible to state compliance based on the stated level of confidence.

3) Reported values annotated with **"##"**
The measured result is a **conditional fail** to the limit but by a margin less than the measurement uncertainty, it is therefore not possible to state compliance based on the stated level of confidence.

4) Reported values annotated with **"###"**
The measured result **failed** the stated specification, even with allowance having been made for the measurement uncertainty.