

CERTIFICATE OF CALIBRATION

Date Of Issue
25th January 2022

Certificate Number
250122/N47



No. 0601

Certificate Issued By:



Electronic Temperature Instruments Ltd
Unit 1, Teville Industrials, Worthing
West Sussex BN14 8NW, UK
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Approved Signatory	Signature
G. Hills	

Customer Name: SIGNATROL LIMITED
Address: UNIT E2
GREEN LANE BUSINESS PARK
TEWKESBURY
GL20 8SJ

Order Number: 46540

Ref Number: 925/92358

Date Received: 17th January 2022

Date Calibrated: 24th January 2022

Ambient Temperature: 23 °C ± 3 °C

Ambient Humidity: < 60 %rh

Temperature Scale: International Temperature Scale of 1990

Inst Description: ETI REFERENCE THERMOMETER

Sensor Type: INTEGRAL 130mm PT100 LIQUID PROBE

Inst Serial Number: D12360142

Probe Serial Number: N/A

Calibrated Range/Scale: - 50 °C to + 134 °C / 0.01 °C RESOLUTION

Procedure: The Instrument was stabilised at ambient temperature, then calibrated by comparison with two traceable references in stirred liquid baths. Immersion depth 110mm

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

The results indicate performance of instrument at time of measurement, with no warranty as to specification, repeatability or long term stability.

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UKAS Accredited Calibration Laboratory No 0601

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Instrument Serial Number: D12360142

Sensor Serial Number: N/A

Results:

Test Temperature °C	Instrument Reading °C
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0.00	- 0.01
- 50.00	- 50.01
- 18.00	- 18.01
0.00	- 0.01
4.00	3.99
25.00	25.01
100.00	100.02
134.00	134.00
0.00	- 0.01

Uncertainty of Measurement ± 0.04 °C + Instrument Resolution

End of Report