

# CERTIFICATE OF CALIBRATION

Date Of Issue  
13th December 2019

Certificate Number  
131219/N2



No. 0601

Certificate Issued By:



Electronic Temperature Instruments Ltd  
Easting Close, Worthing  
West Sussex BN14 8HQ, UK  
tel: 01903 202151  
email: sales@etiltd.co.uk  
www.etiltd.com

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Approved Signatory	Signature
S. Saunders	

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

Order Number: 45920

Ref Number: 764/76297

Date Received: 2nd December 2019

Date Calibrated: 11th December 2019

Ambient Temperature: 22 °C ± 2 °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.*

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

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**CALIBRATION**

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

0.00	0.00
- 50.00	- 50.02
- 18.00	- 18.01
0.00	0.00
4.00	4.00
25.00	25.00
100.00	100.01
134.00	134.01
0.00	0.01

Uncertainty of Measurement  $\pm 0.04$  °C + Instrument Resolution

End of Report