

Certificate of Calibration

Certificate Number: **XXXXXX**

Certificate Date: **XX/XX/XXXX**

Customer: **XXXXXX**

Sales Order no: **XXXXXX**

Instrument Under Test: EL-USB-2-LCD+ Instrument Serial Number: XXXXXXXXXX

Test Equipment Used Test Equipment Serial Number:

Rotronic AG - Humidity and Temperature Probe
HC2-S XXXXXXXXX

The above test equipment is UKAS certified to 'traceable' standards.
The temperature scale is to ITS-90 International standard for thermocouples.

Lab conditions at time of calibration: Temp 19.6°C±3°C / Humidity 44%RH ±20% RH

True Reading * (°C)	Instrument Measured (°C)	Error (°C)	Uncertainty of Measurement (°C)
20.0	20.0	0.0	±0.5°c + D
39.8	40.0	0.2	±0.6°c + D
RH (%) at 20.0°C	RH (%) at 20.0°C	(RH%)	RH (%)
35.5	35.0	-0.5	±2.5% + D
75.2	74.5	-0.7	±2.5% + D

The reported expanded uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%.

d = RESOLUTION OF INSTRUMENT UNDER TEST

All results viewed using Easylog USB computer software version 7.6.0.0

Qualification of Standard Used

This is to certify that the stated instrument has been verified and calibrated at the measured values given in the results table on page 1 of this 2 page document using test equipment which itself has been calibrated and certified to the stated standard. The procedures and work instructions used to verify and calibrate the instrument are fully documented.

The errors reported refer to measured values only with no account being taken of the instrument's ability to maintain its calibration.

Signed:



Authorised Signatory: R. Cameron