

CALIBRATION SERVICES



FilesThruTheAir™ now offers a Traceable Calibration Certificate Service on Temperature and Humidity Data Loggers, using reference equipment which has been calibrated by a UKAS accredited laboratory and using apparatus traceable to national or international standards.

A table of our standard calibration check points can be seen below and a sample Certificate of Calibration is overleaf.

CALIBRATION CHECK POINTS

Product Type	Check Type	Check Points
Single and Dual Channel T, T+, TP and TP+	Four Point	-10°C, 5°C, 25°C and 40°C
Single and Dual Channel TH and TH+	Two Point Temperature	20°C and 40°C
	Two Point Relative Humidity	35%RH and 75%RH at 20°C
Single and Dual Channel TC	Five Point Temperature	25°C, 50°C, 100°C, 140°C and 350°C
Vaccine Kits with Glycol Probes	Two Point Temperature	2°C and 8°C

Please note - a calibration certificate can only be provided with a data logger at the time of original purchase.

Other Calibration Certificate Services

If you require a calibration certificate which complies with the requirements of ISO/IEC 17025:2005, FilesThruTheAir also offers a **Full UKAS Calibration Certificate**. We are happy to quote for any quantity of data loggers with Full UKAS Calibration, upon request. Please contact our team on support@filesthrutheair.com or +44 (0)1425 651111 with confirmation of the type and number of data loggers required and the environment in which they will be used.



SAMPLE UKAS TRACEABLE CALIBRATION CERTIFICATE



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Certificate of Calibration

Certificate Number: SAMPLE DOCUMENT

Calibration Date: SAMPLE DOCUMENT

Submitter: SAMPLE DOCUMENT

Instrument Under Test:	Model No: WiFi-T	Serial Number: 208311
Test Equipment Used:	Espec Climatic Chamber	896
	Rotronic Hygrowin Thermohygrometer	26615

The above test equipment is certified to 'traceable' standards.
The temperature scale is to ITS-90 International Standard for Thermocouples.

Lab Environmental conditions at time of calibration Temp 23°C ±1°C / RH 45%RH ±5%RH

True Reading (°C)	Instrument Measured Value (°C)	Error (°C)	Uncertainty of Measurement (°C)
-9.7	-9.0	0.7	±(0.5 °C + D)
5.3	5.5	0.2	±(0.5 °C + D)
25.1	25.0	-0.1	±(0.5 °C + D)
39.9	40.0	0.1	±(0.5 °C + D)

Temperature cycle and uniformity was conducted at full immersion with readings Observed 5 minutes after stabilisation.

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

READING BEFORE CALIBRATION. Applicable [] Non-Applicable [X]

True reading (°C)

Unit Reading (°C)

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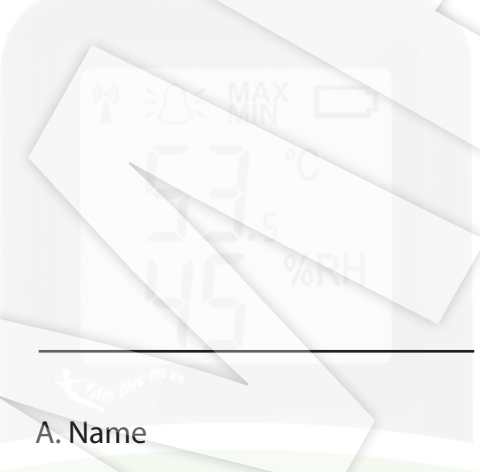
Certificate No.

Qualification of Standard Used

This is to certify that the stated instrument has been verified 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. Verification of the stated instrument was carried out on the date of issue of this certificate. The procedures and work instructions used to verify the instrument are fully documented.

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

Signed:



Authorised Signatory:

A. Name

A. Nother Name

CERTIFIED

