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Withnell Sensors

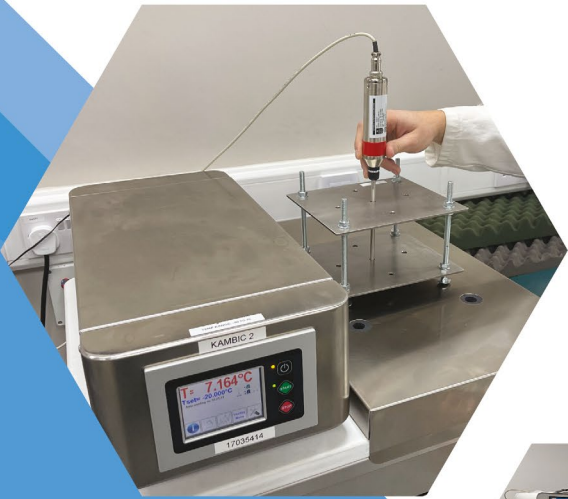
KAYE



Calibration Services

Have confidence in your results with our UKAS Calibration Services

UKAS calibration services deliver confidence in the accuracy and performance of your measurement equipment. As a UKAS accredited laboratory we are independently audited annually by a team of assessors from UKAS. They assess our Quality Management System as well as witnessing the technical capabilities of our laboratory technicians. This means that you can have complete assurance that your equipment is in safe hands.



High precision



Tailored service



Competitive pricing



Quick turnaround times



Minimal inconvenience



Quality Assured: ISO 17025:2017



4595

5k+

Annual Calibrations

Thousands of calibrations completed each year with additional capacity to see this figure grow

10+

Years Accredited

Since early 2011 we have been proud of our UKAS accreditation boasting some of the best temperature uncertainties in the UK.

3

Disciplines

Temperature, Voltage & Humidity.
Offering some of the best measurement uncertainties in the UK

50+

Brands Calibrated

And counting!
We can calibrate an incredibly vast range of brands and equipment.

Temperature Calibration

Temperature is one of the most monitored and controlled parameters in industry today. Temperature fluctuations can have an impact on personal comfort, product quality, regulatory compliance, and safety. Accurate, calibrated temperature monitoring devices and thermometers are essential across a diverse range of applications and industries. UKAS accredited ISO 17025:2017 temperature calibration is the most reliable way to ensure that your equipment is performing to your requirements.

UKAS Data Logger & Probe Calibration

We offer UKAS calibration for a range of data loggers with temperature points covered from -90 to 250°C. We can complete the calibration in house or on site (at a range of -90 to 140°C).

UKAS Temperature Block Calibration

A calibration provides assurances of the accuracy of the display and delivers information on the temperature distribution and uniformity of the block. An accredited calibration of your temperature block will provide assurance that your calibration system is accurate and reliable for the verification of your thermocouples and loggers.

PRT Temperature Calibration

To provide traceability, prevent drift and to ensure that your own results are accurate, regular calibration of your temperature standard is recommended. Accuracy of calibration is often critical, as the measurement uncertainties that we provide will have an impact on your own calibration accuracy. We use a combination of fixed points and fluid comparison baths to offer precision PRT temperature calibration from -196 to 420°C.

Fridge, Freezer & Chamber Calibration

Accredited calibration of temperature-controlled enclosures, such as, chambers, fridges, and freezers. We identify the difference between the displayed values of the enclosure and the corresponding values measured through our highly precise external measurement equipment.



Humidity Calibration

Humidity is a highly monitored and controlled parameter in many industries. Humidity fluctuations affect air and some components exposed to it. Accurate, calibrated humidity monitoring devices are essential across a diverse range of applications and industries. Monitoring and controlling humidity helps prevent condensation, corrosion, mould, or spoilage of products that can perish if kept in the wrong conditions.

Whether you are using your equipment for routine monitoring of your cold chain or for validating humidity deviations during a critical process, we can help to cover your annual calibration. Our experienced team of calibration engineers can process equipment from any number of manufacturers including SenseAnywhere, Vaisala, Log Tag, Elitech, Testo, Comark, ETI, Tiny Tag, Hanwell, Omega, Fluke and many others.

We use high specification equipment including our own Thunder Scientific chamber, to ensure that we can offer the best possible measurement uncertainties for all humidity calibrations. We can provide calibration across the range of 10% rh to 90% rh and 10°C to 60°C.



Voltage Calibration

We are UKAS accredited to provide Voltage calibration specifically for the Kaye Validator AVS and Validator 2000. We have trained engineers who can provide on-site service calibrations to prevent downtime and equipment being shipped off site. The voltage calibration entails an 'As Found' check across the full voltage ranges on the Kaye validation system. Have confidence in your systems performance due to Withnell Sensors' use of high-end reference equipment and great measurement uncertainties as low as 1µV. This offers full assurance that the Kaye system has delivered accurate results throughout the year of use.

Customers we are proud to have worked with:



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Withnell Sensors
Temperature & Humidity Specialists