



WATER & AIR

Relative Humidity Calibration

Skye Instruments relative humidity calibration facility uses the saturated salt solution method, performed in a temperature controlled environment. This is a well documented and proven method for such calibrations.

Calibration is made at 27°C for two humidities, 1% and 75.4%. Each sensor is issued with a Calibration Certificate. Skye Instrument's probes are adjustable, bringing the instruments back within original specifications when recalibrated. Recalibrated probes are also issued with figures showing the probe's readings before adjustment.

A additional UKAS traceable calibration check can also be made if required, using UKAS calibrated salts solutions at 49.7% and 79% RH.

Skye Instruments relative humidity probes measure 0-100% RH with a $\pm 2\%$ accuracy over the entire range.

If the probe is a combined RH / temperature version, then the temperature sensor also undergoes a calibration check under controlled temperature conditions at 27°C, against a UKAS calibrated temperature sensor. Temperature probes are not recalibratable so any measurement deviation from the reference probe is recorded on the Calibration Certificate.



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