

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

| | | |
|--|---|--|
|  0805 Accredited to ISO/IEC 17025:2005 | Testo Ltd | |
| | Issue No: 016 Issue date: 10 November 2016 | |
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Calibration performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

| Location details | Activity | Location code |
|---|---|---------------|
| Address Newman Lane Alton Hampshire GU34 2QJ | Humidity Temperature Air velocity Pressure | P |

Site activities performed away from the location listed above:

| Location details | Activity | Location code |
|--|-----------------------------|---------------|
| Any customer premises The customer's site or premises must be suitable for the nature of the particular calibrations undertaken and will be subject of contract review arrangements between the laboratory and the customer | Temperature | S |



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DETAIL OF ACCREDITATION

| Measured Quantity Instrument or Gauge | Range | Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$) | Remarks | |
|---|---|---|--|---|
| HUMIDITY | | | | |
| Relative humidity | for the temperature range 0 °C to 20 °C | | Calibration of devices with an electrical output may be undertaken | P |
| | 10 %rh to 35 %rh | 0.70 %rh | | |
| | 35 %rh to 65 %rh | 1.0 %rh | | |
| | 65 %rh to 90 %rh | 1.3 %rh | | |
| | for the temperature range 20 °C to 30 °C | | | |
| | 10 %rh to 40 %rh | 0.55 %rh | | |
| | 40 %rh to 70 %rh | 0.90 %rh | | |
| | 70 %rh to 80 %rh | 0.97 %rh | | |
| | 80 %rh to 90 %rh | 1.1 %rh | | |
| | for the temperature range 30 °C to 50.5 °C | | | |
| | 10 %rh to 35 %rh | 0.45 %rh | | |
| | 35 %rh to 65 %rh | 0.80 %rh | | |
| | 65 %rh to 90 %rh | 1.0 %rh | | |
| Dew point/Frost point | - 30 °C to + 48 °C | 0.16 °C | | |
| TEMPERATURE | | | | |
| Electronic thermometers with indicators and data- loggers | - 40 °C to 110 °C | 0.039 °C | In liquid bath | P |
| | 110 °C to 200 °C | 0.055 °C | | |
| | -70 °C to 100 °C | 0.070 °C | In air chamber | |
| Resistance thermometers | 100 °C to 180 °C | 0.11 °C | | P |
| | - 40°C to 200 °C | 0.060 °C | In liquid bath | |
| | - 70 °C to 180 °C | 0.12 °C | In air chamber | |
| Electronic thermometers with indicators and data- loggers | -80 °C to 180 °C | 0.26 °C | In customers environment | S |



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| Measured Quantity Instrument or Gauge | Range | Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$) | Remarks | Location Code |
|---|---|---|---|------------------|
| AIR VELOCITY | | | | |
| Calibration of vane anemometers by comparison | 0.2 m/s to 1 m/s 1 m/s to 15 m/s 15 m/s to 20 m/s 20 m/s to 30 m/s | 0.10 m/s 0.20 m/s 0.32 m/s 0.60 m/s | Anemometer up to 100 mm diameter can be calibrated. | P |
| Calibration of thermal anemometers by comparison | 0.1 m/s to 1 m/s 1 m/s to 10 m/s 10 m/s to 15 m/s 15 m/s to 20 m/s | 0.13 m/s 0.37 m/s 0.75 m/s 0.91 m/s | Uncertainty and range achieved will depend on the size of the anemometer calibrated | |
| PRESSURE | | | | |
| Gas pressure gauge | | | | |
| Calibration of pressure indicating instruments and gauges | -100 kPa to -2 kPa -2 kPa to -200 Pa -200 Pa to 0 Pa 0 Pa to 200 Pa 200 Pa to 20 kPa 20 kPa to 100 kPa 100 kPa to 7 MPa | 2.7 kPa 17 Pa 4.9 Pa 1.4 Pa 16 Pa 2.7 kPa 0.019 % + 8.0 Pa | Absolute pressure calibrations can be undertaken using associated barometric pressure measurement correction. The uncertainties quoted will be increased by 72 Pa | P |
| Gas pressure absolute | | | | |
| Calibration of pressure indicating instruments and gauges | 5 kPa to 160 kPa | 72 Pa | Calibrations of pressure devices with an electrical output may be undertaken | |
| END | | | | |