

# EXCELLENCE IN CALIBRATION



0125



Established in 1966, Universal Instruments are an ISO 17025 UKAS (Lab no. 0125) accredited laboratory providing inhouse and onsite calibration across a wide range of parameters. In addition to our calibration service, we also provide an equipment repair service and supply of new test equipment.

Our calibration capabilities include:

- Electrical instruments Multimeters, DC Bridges, Counters, Power Supplies, Watt Meters, LCR Bridges, Oscilloscopes, Clamp Meters, Generators, Earth Testers, Relay Test Sets, Calibrators, High Voltage, Air Flow & PAT Testers
- Dimensional instruments Micrometers, Depth Gauges, Plug Gauges, Screw Plug Gauges, Screw Ring Gauges, Parallels, Verniers, Dial Indicators, Ring Gauges, Calipers, Sine Tables, Engineer Squares & Jigs & Fixtures
- Pressure Indicators including Pressure Gauges, Digital Pressure Indicators, Calibrators, Vacuum Gauges, Pressure Sensors, Incline Gauges & Manometers
- Temperature and humidity equipment such as Thermocouples, Resistance Thermometers, Triple Point Cells, Liquid in Glass Thermometers, Block Calibrators, Temperature Recorders, Digital Thermometers and Temperature & Humidity Probes & Indicators
- Torque Hand torque tools, torque wrenches & torque screwdrivers.



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## ACCREDITATIONS

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### ISO/IEC 17025: 2017

This is the internationally recognised standard for the competence of calibration and testing laboratories.

Our own systems, people, their training, and our technical capabilities are thoroughly examined and tested each year by a team of UKAS auditors, each of them specialists in their field. It is an expensive and time consuming process, but our ongoing accreditation and fulfilment of the requirements of ISO17025 means that you can rest assured that we have the competence, impartiality and performance capability necessary to consistently deliver technically valid calibration results each and every time.

Accreditation to ISO17025 also means our quality management systems meet the principles

We have recently been accredited by CHAS and hold "Advanced Accreditation". Since 1997, Veriforce CHAS has been a trusted provider of health and safety (H&S) assessments and are the UK's leading provider of compliance and risk management services, helping contractors (suppliers) and clients (buyers) demonstrate compliance.

## Other Services

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### Onsite Calibration

In addition to our inhouse facility, we also operate an onsite calibration service utilising our mobile laboratories. This facility helps to minimise downtime for our customers, whilst still maintaining the standards of a calibration laboratory.

In addition to this, we also have a team of dedicated engineers specialising in process control calibration, with particular experience in Automotive, Pharmaceutical and Aerospace industries.

### Repairs

We are now able to offer Torque Wrench repair. This service offers a reduction in downtime as well as cost.

### New Product Supply

We also offer new Instrument supply from all the major test equipment manufacturers and across the range of instrumentation calibrated by us.



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## Dimensional calibration >

Single or multi-point calibration and adjustment for dimensional instruments

- Micrometers
- Depth Gauges
- Plug Gauges
- Screw Plug Gauges
- Screw Ring Gauges
- Parallels
- Verniers
- Dial Indicators
- Ring Gauges
- Calipers
- Sine Tables
- Engineer Squares
- Jigs and Fixtures

## Humidity calibration >

Single or multi-point calibration and adjustment for humidity probes and sensors including displays

**Calibration range 5–95 %RH between 0°C and 60°C**

- Humidity probe & indicators
- Transmitters

## Temperature calibration >

Single or multi-point calibration and adjustment for temperature sensors and probes including integrated or remote displays

**Calibration range -196°C to 1100 °C**

- Temperature indicators
- Thermocouples
- Resistance Thermometers
- Liquid in Glass Thermometers
- Temperature Probes

## Torque calibration >

Single or multi-point calibration and adjustment for torque tools

**Calibration range 0.1nm to 1000nm**

- Torque Hand Tools
- Torque Drivers
- Torque Wrenches

## Pressure calibration >

Single or multi-point calibration and adjustment for pressure sensors and gauges

**Calibration range 0-1200 bar, 0-120 MPa or 0-17 000 psi**

- Pressure gauges
- Digital pressure indicators
- Manometers
- Incline Gauges
- Calibrators
- Pressure transmitters
- Pressure Sensors



**UNIVERSAL**  
Instrument Services

**We have 58 years of experience providing professional calibration services to a wide range of industries. Contact us today on 0116 2750123 for a no obligation quote for all your Instrument Calibration needs.**



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