

Labcal



Labcal is a UKAS accredited laboratory offering impartial calibration and accredited services.

Established in 1999, Labcal's dedicated team of experienced engineers provide calibration services for measurement equipment across a wide range of parameters and industries. We operate to the internationally recognised ISO 17025 standard, which is accredited by UK Accreditation Service (UKAS) and the International Laboratory Accreditation Cooperation (ILAC).

Labcal's accreditation includes:

- Air velocity, inc. LASER anemometry
- Gas and air flow / volume passed
- Water flow / volume passed
- Pressure
- Temperature
- Humidity

Why choose Labcal?

Labcal is easy to deal with, responding quickly to enquiries, providing competitive quotes and offering fast turnarounds. We have extensive experience of providing professional calibration services for a wide range of equipment. If you have a question about your system calibration, contact Labcal for a no-obligation consultation with our experienced engineering team.

Why is UKAS ISO 17025 accreditation important?

Accreditation by UKAS to ISO 17025 provides you with the reassurance that Labcal's calibration laboratory, together with our certification procedures, have been assessed against stringent international standards to prove our competence, impartiality, and performance capability.

ISO 17025 is used internationally to provide a standard of competence that gives you the reassurance of a reliable and accurate calibration, safeguarding risk management, and enables you to demonstrate due diligence in the event of legal action.

Expedited service

Need your system calibrated urgently? Labcal offer a 3 day expedited turnaround, and, on consultation, we can offer shorter turnaround times to meet your requirements.

Contact Labcal today to find out more about how we can help you get a calibration you can trust.

Gas & Air Flow Calibration

Single or multi-point calibration and adjustment for gas flow meters and sensors including integrated or remote displays

Calibration range 0.025 ml/min to 13 000 l/min

Using a range of gases: air, argon, carbon dioxide, helium, oxygen and nitrogen

- Variable area flow meters (glass and metal tube type)
- Laminar flow elements
- Dry and wet gas flow meters
- Mass flow meters and controllers
- Positive displacement flow meters
- Bubble and piston flow meters
- Turbine flow meters
- Nozzles
- Orifice plates
- Vortex shedding flow meters

Humidity Calibration

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

Calibration range 10 to 90 %RH between -5 and 50°C

- Digital humidity & temperature indicators
- Transmitters
- Data loggers
- Weather stations

Temperature Calibration

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

Calibration range -30°C to 140°C

- Temperature indicators
- Thermocouples
- Platinum resistance thermometers
- Data loggers
- Thermistors
- Transmitters
- Weather stations

Liquid Flow Calibration

Single or multi-point calibration and adjustment for water flow meters and sensors including integrated or remote displays

Calibration range 0.5 ml/min to 500 l/min

- Variable area glass and metal tube types
- Positive displacement
- Turbine flow meters
- Mass flow meters including Coriolis
- Ultrasonic flow meters
- Target flow meters
- Magnetic flow meters

Pressure Calibration

Single or multi-point calibration and adjustment for pressure sensors, probes and gauges including fixed or handheld displays

Calibration range 0 to 1 400 bar, 0 to 140 MPa or 0 to 20 000 psi. including specialist capability in the lower pressure range 0 to 9 000 Pa

- Pressure gauges
- Digital pressure indicators
- Barometers
- Differential pressure indicators
- Liquid manometers
- Micro manometers
- Pressure transducers
- Pressure transmitters

Air Velocity Calibration

Single or multi-point calibration and adjustment for air velocity sensors, probes and anemometers including integrated or handheld displays

Calibration range 0.1 m/s to 80 m/s

- Vane anemometers
- Pitot tubes
- Hotwire anemometers
- Cup anemometers
- Propellers
- Ultrasonic anemometers

Labcal also calibrate stopwatches, combined systems such as stack monitors, and provides performance reports and technical reports.

Get in touch today for a no obligation quote.

