

Labcal



0625



Labcal provides UKAS accredited equipment calibration.

We are a dedicated team of experienced engineers providing calibration services for measurement equipment across a wide range of parameters and to diverse industries.

Labcal calibrates a diverse range of measuring instrumentation including:

- Gas/air flow including variable area flow meters and primary piston flow meters
- Liquid flow including turbine flow meters, Coriolis flow meters and Pelton wheel flow meters
- Pressure indicators including pressure gauges, digital pressure indicators and manometers
- Temperature and humidity equipment such as digital thermometers and temperature & humidity probes
- Air velocity measurement equipment such as anemometers including vane anemometers, hot wire anemometers and pitot tubes

Labcal is an ISO 17025 UKAS accredited laboratory offering impartial calibration and accredited services.

ACCREDITATIONS

Labcal's accreditation can be found on the UKAS website. Laboratory number is 0625, [see our schedule here](#).

Accreditation by UKAS means that Labcal's calibration laboratory, together with their certification procedures, have been assessed against internationally recognised standards to demonstrate their competence, impartiality and performance capability.

Labcal is accredited by UKAS to the ISO/IEC 17025: 2017 standard. ISO 17025 is applicable to all organisations performing calibrations. This includes laboratories where calibration forms part of inspection and product certification. It is particularly useful in developing management systems for quality, administrative and technical operations. Laboratory customers, regulatory authorities and accreditation bodies may also use ISO17025 to confirm the competence of laboratories.



Gas & airflow calibration >

Labcal provides expert single or multi-point calibration and adjustment for mass or volumetric flow meters and sensors including displays

Calibration range 0.025 ml/min to 13000 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 >

Labcal provides expert single or multi-point calibration and adjustment for humidity probes and sensors including displays

Calibration range 10–90 %RH between 10°C and 50°C

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

Temperature calibration >

Labcal provides expert 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

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 to a wide range of industries. Get in touch today for a no obligation quote for your equipment.

Liquid flow calibration >

Labcal provides expert 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
- Positive displacement flow meters
- Ultrasonic
- Target
- Magnetic

Pressure calibration >

Labcal provides expert single or multi-point calibration and adjustment for pressure sensors, probes and gauges including fixed or handheld displays

Calibration range 0-1400 bar, 0-140 MPa or 0-20 000 psi

- Pressure gauges
- Digital pressure indicators
- Barometers
- Differential pressure indicators
- Liquid manometers
- Micro manometers
- Pressure transducers
- Pressure transmitters
- Pressure equivalent calibration of dead weight testers (pressure balance with mass set)

Air Velocity calibration >

Labcal provides expert single or multi-point calibration and adjustment for air speed and velocity sensors, probes and anemometers including integrated or hand displays

Calibration range 0.1 m/s to 80 m/s

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

Sign up for our calibration reminder service
labcal.co.uk/reminder

