

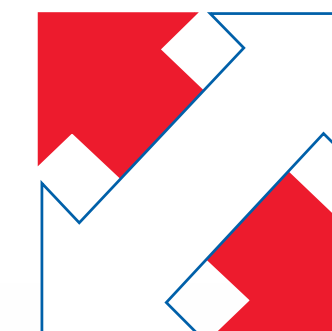
services & standards

- STANDARD 5 WORKING DAY RETURN
- 48 HOURS EMERGENCY RETURN
- UK COLLECTION AND DELIVERY SERVICE
- UKAS ACCREDITATION LABORATORY NO.0683
- GUARANTEED WORKMANSHIP
- AUTOMATED CALIBRATION REMINDERS
- ON SITE CALIBRATION
- CALIBRATIONS COMPLYING WITH BS.EN.ISO 10012:2003
- QUALITY MANAGEMENT SYSTEMS CONTROLLED BY BS.EN.ISO 9001:2000
- CALIBRATION LABORATORY PROCEDURES WITHIN THE SCOPE OF BS.EN.ISO/IEC 17025:2000

## calibration-repair-supply-hire

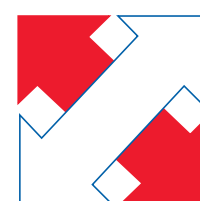


anemometer, chart recorders, data loggers, humidity testers, hygrometers, manometers, moisture meters, pressure gauges, temperature probes, temperature blocks, thermo-anemometers, thermo-hygrometers, thermocouples, vacuum, wind speed, and many more



## Pullman Instruments (UK) Ltd

environmental test  
& measuring equipment specialists



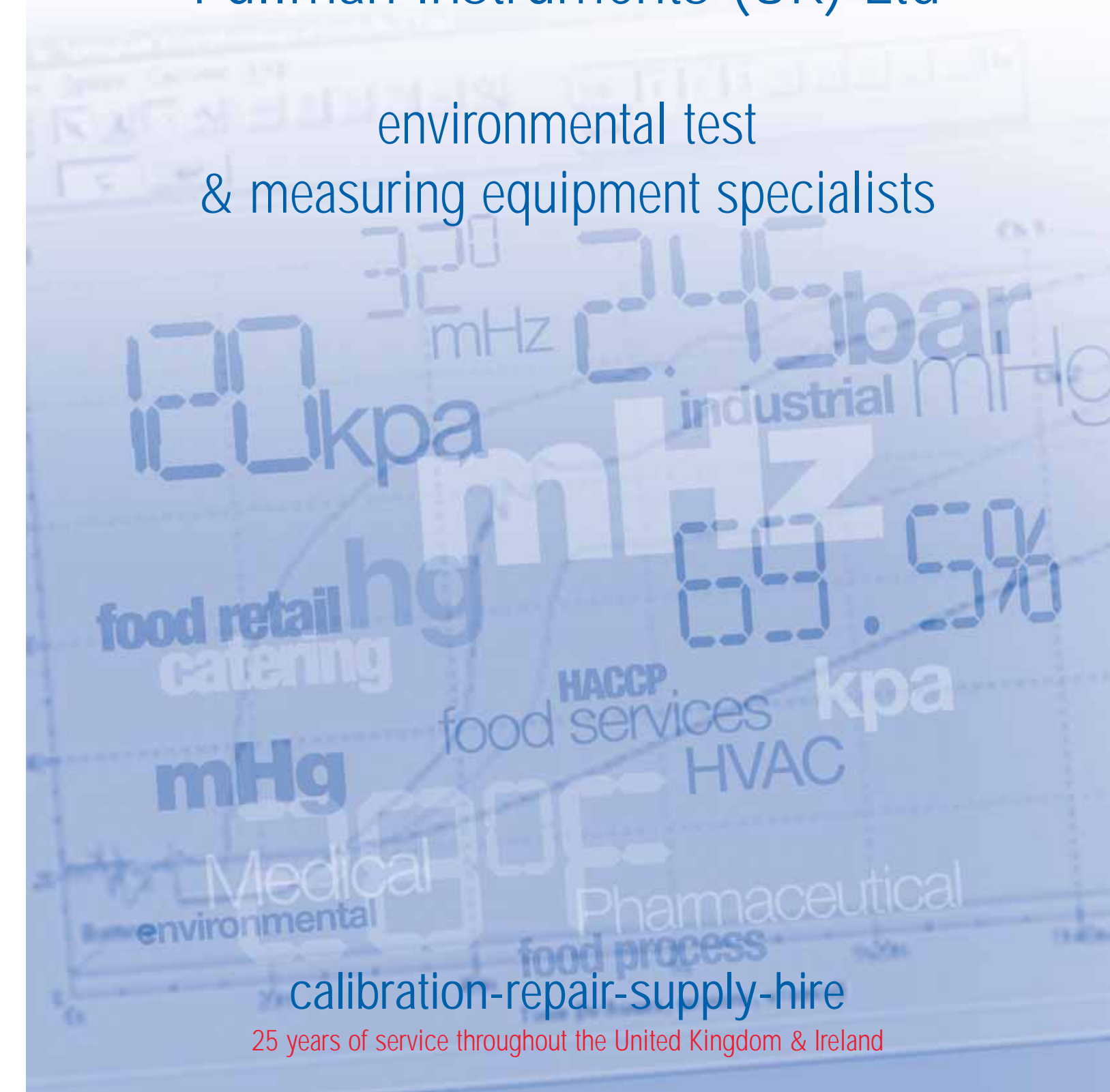
## Pullman Instruments (UK) Ltd

25 years of service throughout the United Kingdom & Ireland



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## calibration-repair-supply-hire

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# Are you responsible for ensuring your company's product and service quality?

Then you'll know that getting it right, first time, every time is vitally important to you and the organisation whom you represent, and the commercial and legal consequences of getting it wrong could be catastrophic.

If you have to appoint an external laboratory, it's good to know there's one laboratory you can count on for the test and calibration services you need.

When you purchase services from a commercial laboratory, there are risks and dangers if you make the wrong choice. You need to be absolutely sure that the laboratory has the people, facilities, technical expertise, management systems and track record to do the job right.

Each time, every time, you're looking to reduce risk. And that's where Pullman Instruments come in. Pullman combine a depth of technical knowledge and expertise built up during 25 years with technical specialists operating across a wide range of calibration services, from Air conditioning to food safety.

When you use Pullman Instruments you minimise risk.

It's one less thing to worry about.



## Airflow

PULLMAN INSTRUMENTS' FACILITIES ENABLE THE CALIBRATION OF ANEMOMETERS IN REGARD TO ALL MAKES AND MODELS TO BS 1042 STANDARD. THE OPEN JET WIND TUNNEL WE USE HAS BEEN DESIGNED AND BUILT FOR RAPID AND ACCURATE CALIBRATIONS OVER A RANGE OF 0.25 M/SEC TO 30.5 M/SEC. MASTER METERS ARE USED TO PERFORM TURBULENCE TESTS TO MAINTAIN UNIFORMITY OF AIRSTREAM TO ENSURE STABILITY OF READINGS.



## RH Humidity

PULLMAN INSTRUMENTS CALIBRATE A WIDE RANGE OF HUMIDITY TESTERS FROM HAND HELD UNITS, DATA LOGGERS TO TRANSMITTERS AND CHART RECORDERS. HUMIDITY IS PRODUCED VIA A HYDROGEN GENERATOR BUILT USING THE LATEST TECHNOLOGY TO CREATE CONTROLLED ENVIRONMENTAL CONDITIONS OVER A RANGE OF 5°C TO 50°C AND 5% TO 95% RH. CALIBRATIONS ARE CARRIED OUT IN MINUTES RATHER THAN HOURS DUE TO RAPID AND CONTROLLED CHANGE OF EQUILIBRIUM INSIDE THE TEST CHAMBER.



## Temperature

TEMPERATURES SOURCED FROM PRECISION REFERENCE BLOCKS, INCORPORATING THE LATEST Peltier technology and referenced to a master thermometer and sensor between the ranges -40°C to 650°C. TEMPERATURES ARE SIMULATED USING PRECISION VOLTAGE AND RESISTANCE SOURCES BETWEEN THE RANGES -270°C TO 1372°C.



## Sound

SOUND LEVEL METERS ARE TESTED USING THE GENRAD OMNICAL SOUND LEVEL CALIBRATOR WHICH PRODUCES 6 OCTAVE FREQUENCIES BETWEEN THE RANGE OF 125 HZ TO 4 KHZ AND 5 CALIBRATED SOUND PRESSURES FROM 74 DB TO 114 DB WITH THE ADDED CAPABILITY OF PRODUCING VARIOUS TONE BURSTS.



## Vacuum & Pressure

PRESSURE IS MEASURED OVER THE RANGE OF 1PA TO 16000 PSI USING PRECISION MICROMANOMETERS, PRESSURE SENSORS AND DEAD WEIGHT TESTERS.

"We are also committed to supplying the most comprehensive range of reliable and robust test equipment, while guaranteeing value for money as official distributors for many of the top manufacturers."