

Calibration Services for the Chemical Industry

At MWS, we have built our reputation on delivering precise, reliable calibration services for weighing and non-weighing equipment used across the chemical industry. With decades of experience supporting manufacturers, processors and specialist chemical producers throughout the UK, we understand the importance of accuracy in maintaining product quality, operational safety and regulatory compliance.

Whether you require calibration of weight, pressure, temperature or specialist electrical instruments, our experienced engineers provide fully traceable, high-quality results you can depend on. By offering a broad range of services, we help reduce the need for multiple contractors, limit downtime on site, and ensure your critical equipment is maintained to the required standards, all managed through a single online asset portal.

CUSTOMERS WHO TRUST MWS



AkzoNobel



WEIGHING

Weighing calibration remains at the core of our work, supported by more than 30 years of experience in demanding industrial environments.

We support chemical operations from laboratory balances used in formulation and quality control through to bench and floor scales in production areas, drum and IBC filling stations, warehouse operations, pallet trucks and weighbridges managing bulk raw material intake and finished product dispatch.

Our engineers carry out ISO 9001 and UKAS calibrations using certified test weights and fully traceable procedures. This helps chemical manufacturers maintain accuracy in batching, protect margins, and meet audit and compliance requirements.





PRESSURE

Pressure measurement plays a critical role in many chemical processes, particularly where reactions, storage vessels and transfer systems are involved.

We calibrate pressure equipment across a range from -0.95 to 100 bar g. Our service includes analogue and digital pressure gauges, vacuum gauges, switches, transmitters and controllers. We also support pressure-related safety and test devices such as relief valves and leak testers, which are often essential in maintaining safe operating conditions.

TEMPERATURE

Temperature control is equally vital within chemical manufacturing, influencing reaction rates, product consistency and storage conditions.

We provide simulation and calibration of PT100 and PT1000 sensors, thermistors, and thermocouples including types K, J, N, T, R and S. Our engineers calibrate equipment such as ovens, furnaces, heated vessels, storage tanks and environmental chambers. Temperature mapping services are available for warehouses and other controlled environments where monitoring and validation are required.



ADDITIONAL INSTRUMENTS

To further support chemical industry clients, we also offer calibration for:

- Milliamp and voltage loop measurement
- pH and conductivity meters
- Humidity probes used in controlled or sensitive environments

All services are delivered with clear documentation and full traceability, helping you maintain compliance, reduce operational risk and keep production processes stable and efficient.

WHY CHOOSE MWS?

-  **Trusted Expertise:** We've been delivering industry-leading calibration services for weighing equipment for over 30 years.
-  **Complete Service:** From weighing systems to test instruments, we offer calibration across your full suite of equipment.
-  **Minimise Downtime:** A single supplier means faster turnaround, less admin, and smoother scheduling.
-  **UKAS-Traceable Standards:** All calibrations are performed to the highest industry standards, backed by robust documentation.
-  **Competitive Rates:** MWS offers flexible service and scale calibration packages at highly competitive rates. No hidden fees. No punitive contracts.
-  **Discounts on Hardware:** Service clients receive discounts on hardware, from precision balances to heavy duty floor scales.

If you're looking for a dependable calibration partner who understands the chemical industry and equipment inside out, get in touch with the team at MWS today.

