

Your End-To-End Weighing Solutions Partner

# SERVICE & CALIBRATION



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Design | Manufacture | Install | Maintain



Micro  
Weighing  
Solutions

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## Accreditations

### UKAS

Calibration procedures are carried out under an ISO/IEC 17025 quality system by a laboratory that has been audited and accredited by the United Kingdom Accreditation Service. Laboratory number 9617.

### ISO 9001

The MWS Quality Management System is audited by an external body to ensure processes are being followed and performance is managed. MWS generates calibration certificates from processes that are audited by external auditors.

### UK Weighing Federation

MWS is a member of the UK Weighing Federation. Our business and calibration processes are bound by the UKWF Codes of Practice that cover standards of practice, facilities that are fit for purpose, ethical business practices, calibration standards and service levels.

### SafeContractor

As members of SafeContractor, MWS can demonstrate health and safety competency to new and existing clients who are also clients of SafeContractor. Ongoing observations and an annual audit of the MWS Health & Safety practice is important to ensure safety for our clients and employees.

[To View All Accreditations Click Here](#)



## The Complete Package From One Supplier

MWS manufactures weighing equipment and provides annual calibration, routine service and rapid breakdown response when you need it most.

The MWS service team provides turnkey service and calibration packages for a wide range of weighing equipment, from micro balances through to weighbridges.

MWS works with all types of organisations who rely on services provided to help keep their operations compliant and running efficiently.

Over time the business has grown into a group of knowledgeable professionals who take immense pride in providing gold standard service to the MWS client base.

## Service Range

### Industrial

Small bench platform scales up to heavy duty floor scales.

### Laboratory

Ultra micro-balances and analytical balances to portable balances.

### Process Weighing

Calibration of load cells on vessels, silos and tank load cells using various methods.

### Vehicle Weighing

Calibration and service of axle weighers, portable weigh pads and weighbridges.

### Test Weights

Management of your calibrated test weight sets by the MWS team.

### CaliPro Portal

Online portal for management of your assets with up-to-date documents.



## Industrial Applications

When we asked our industrial customers what mattered to them the most when considering a weighing partner, response times to breakdowns and machine up-time were the top priorities.

The MWS team comprises experienced and professional engineers who understand weighing machinery and the need to fix-first-time.

At MWS, we aim to deliver minimal downtime of your weighing equipment through rapid response to breakdowns and routine preventative maintenance schedules. Detailed service reports provide feedback on the status of clients' equipment and can help identify problematic equipment.

The service team carries out vital calibration work in accordance with the UK Weighing Federation code of practice to ensure clients' equipment is in good condition and meets the necessary weighing performance for the application.



## Laboratory Applications

The number one priority for our laboratory clientele is ensuring their equipment is performing to the maximum accuracy possible through compliance to both ISO 9001 and ISO 17025. We are an established UKAS accredited calibration laboratory, lab number 9617.

We know that errors in your weight measurements can cost time and money. More importantly, any violations of legal requirements could cause damage to health and/or the environment.

Key to maintaining our clients' laboratory balances within optimal performance ranges is ensuring our calibrated test weights remain within a high degree of their stated accuracy. All of our weights are traceable to the National Physical Laboratory (NPL).

The MWS service team maintains calibration weight drift to within one times their uncertainty of measurement through careful handling, which limits wear and ensures our uncertainty budgets remain healthy. This means our customers can be confident in the certification and documentation provided following site visits.

During a routine service visit, specific performance checks are carried out to assess the accuracy and precision of the instrument being tested. At MWS, we supply As-Found results on all calibration certificates, allowing customers to review equipment performance prior to the service procedure. As part of the standard service, our engineers provide a thorough clean down and functionality test, with any issues documented via the service report.



MWS can complete USP Chapter 41 and Ph.Eur. Chapter 2.1.7 performance checks to verify the precision and accuracy of customers' equipment when necessary to ensure they remain compliant with legislation.





## Process Weighing Applications

Calibration and testing of load cells is important for clients utilising weighing in their manufacturing processes. Often, devices are linked to PLCs for level monitoring or controlling batch production using weight.

Smaller vessels and hoppers may be suitable for standard calibrated masses to be placed onto the structure; this provides the best known method of calibration.

However, in many circumstances load cells are used in production areas or tank farms that are hard to access or safely place calibrated masses onto the equipment to provide known readings.

In the event where loading with mass is difficult, our engineers will use a hydraulic force rig to carry out pushup and pull down calibrations using reference load cells tested and certificated to UKAS standards.

As part of the MWS service, we will advise clients on the safest and best practices for calibration of load cells on storage silos, mixing tanks, hoppers and vessels.

We are also able to provide support to clients wishing to install or replace load cells and weighing technology on existing equipment.



## Test Weights

From providing new calibrated weights to the annual check and calibration of existing weights, we provide reassurance that your test weights are in good condition and meet the tolerances specified.

The test weight services we offer can be included with your annual contract to lower the amount of paperwork. With MWS as your partner, we will send you reminders and organise the calibrations.

### Internal Checks

During routine service and calibration visits of your weighing equipment, we can provide a weight comparison check; this check is carried out using a balance or scale and compared to our traceable calibration weights. These checks are cost efficient, and the weights do not need to leave site. Furthermore, certificates are created and available to download from the Calipro portal within 24 hours. This method is very common for businesses that are using weights for their routine daily scale checks.

### UKAS Traceability

If you require a higher level of traceability, we can organise the calibration of your weights using a Mass Laboratory. Certificates generated will be traceable to the National Physics Laboratory and UKAS ISO 17025 accredited.





## Vehicle Weighing

Whether it's portable weigh pads, axle weighers or a full weighbridge solution you require, you can rest assured that we can provide the level of service and support you require to meet the constant demands of vehicle weighing.

### Portable Axle Pads

Our service team operates out of a workshop within the MWS factory dedicated to the service and calibration of portable weigh pads.

We have two UKAS calibrated hydraulic force test rigs which allow calibration certificates to be generated for various types of portable axle pads up to 10 tonnes.

### Weighbridges & Axle Weighers

Our field service team can organise periodic calibration of your weighbridge using a test unit up to 50t. We also provide advice, service packages and tailored upgrades when requested.







## CaliPro

We have invested in top-of-the-range software to improve the level of documentation and traceability required for fast paced businesses that are frequented by auditors.

Each MWS engineer has the CaliPro application on their laptops that logs and records the scale tests as they move across your site calibrating your weighing equipment. The system stores the data which is uploaded to our secure cloud system at the end of the day.

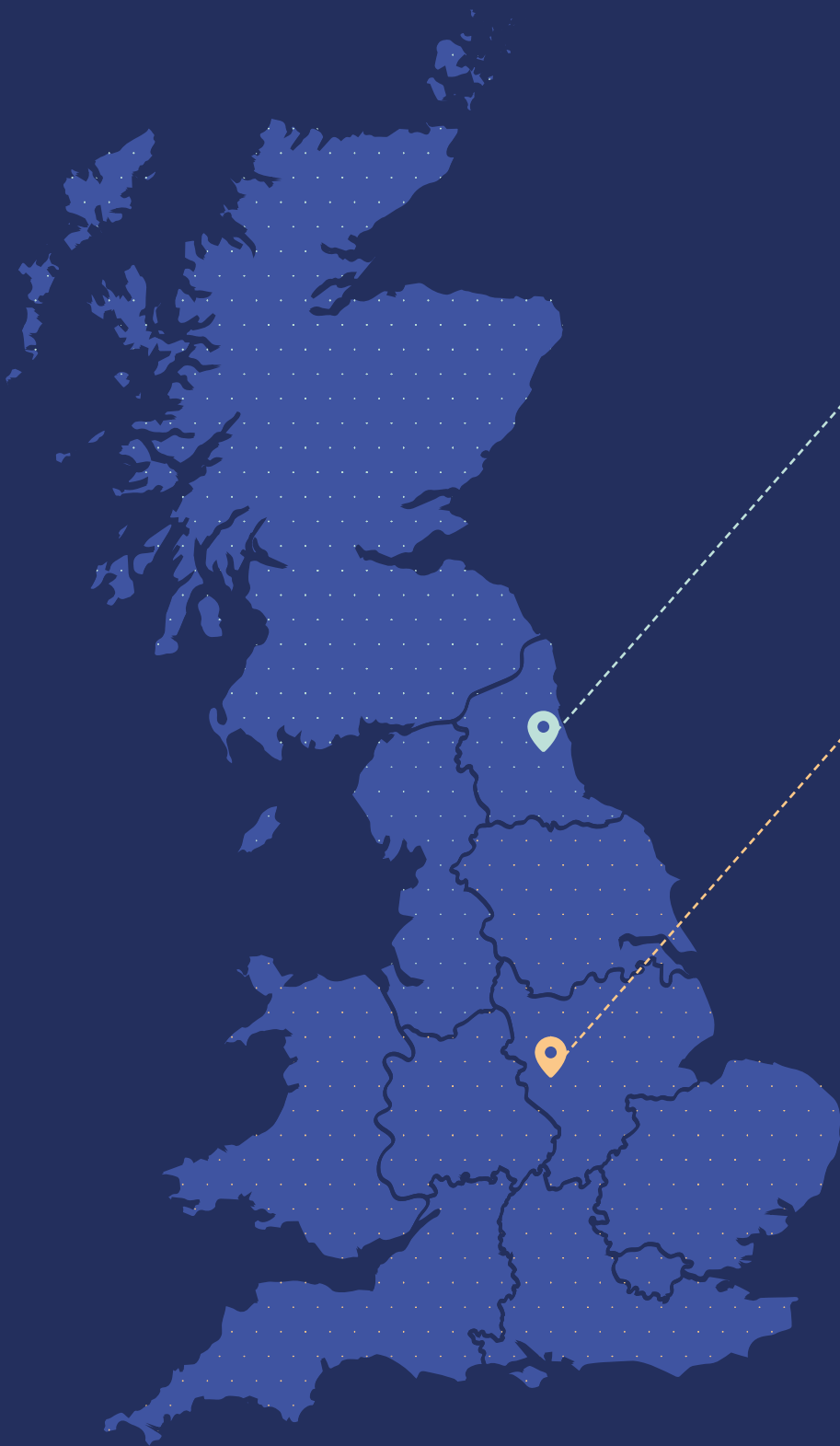
If the visit was for a standard calibration, your certificates will be available within 12 hours of the engineer's visit. UKAS certificates must be reviewed and signed off by a senior member of the service team.

Type	Make Model	Serial No	Reference	Site	Location	Latest Certif...	Dated
<input type="checkbox"/> Weight	Mettler AG204	1113170845	N/A	MWS UKAS Interlaboratory	Gateshead metrology	R01U000296	07/Jul/2021
<input type="checkbox"/> Weight	Ohaus Scout Pro SPU602	7130101195	N/A	MWS UKAS Interlaboratory	Gateshead metrology	R01U000297	07/Jul/2021
<input type="checkbox"/> Weight	Sartorius CC20	S1001024	N/A	MWS UKAS Interlaboratory	Gateshead metrology	R01U000299	07/Jul/2021
<input type="checkbox"/> Weight	UWE AGS-6000	AGS-C 2627	N/A	MWS UKAS Interlaboratory	Gateshead metrology	R01U000298	07/Jul/2021
<input type="checkbox"/> Weight	Mettler AG285	1119133393	N/A	MWS UKAS Interlaboratory	Gateshead metrology	R01U000831	22/Aug/2023
<input type="checkbox"/> Weight	Radwag AS 60/220.X2	892871	DH001	MWS UKAS Interlaboratory	Gateshead Metrology	R01U000830	22/Aug/2023

Search for partial certs...

Search Certificates

Search for partial certificate id, serial no...  
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If you are interested in learning more about our service and calibration packages, please get in touch by emailing us at [service@mws.ltd.uk](mailto:service@mws.ltd.uk) or by calling **0845 260 2602**.