



# Calibration & Maintenance Services



**PHYSICAL  
PROPERTIES  
TESTERS  
GROUP**

[mecmesin.com](http://mecmesin.com)

# Introduction

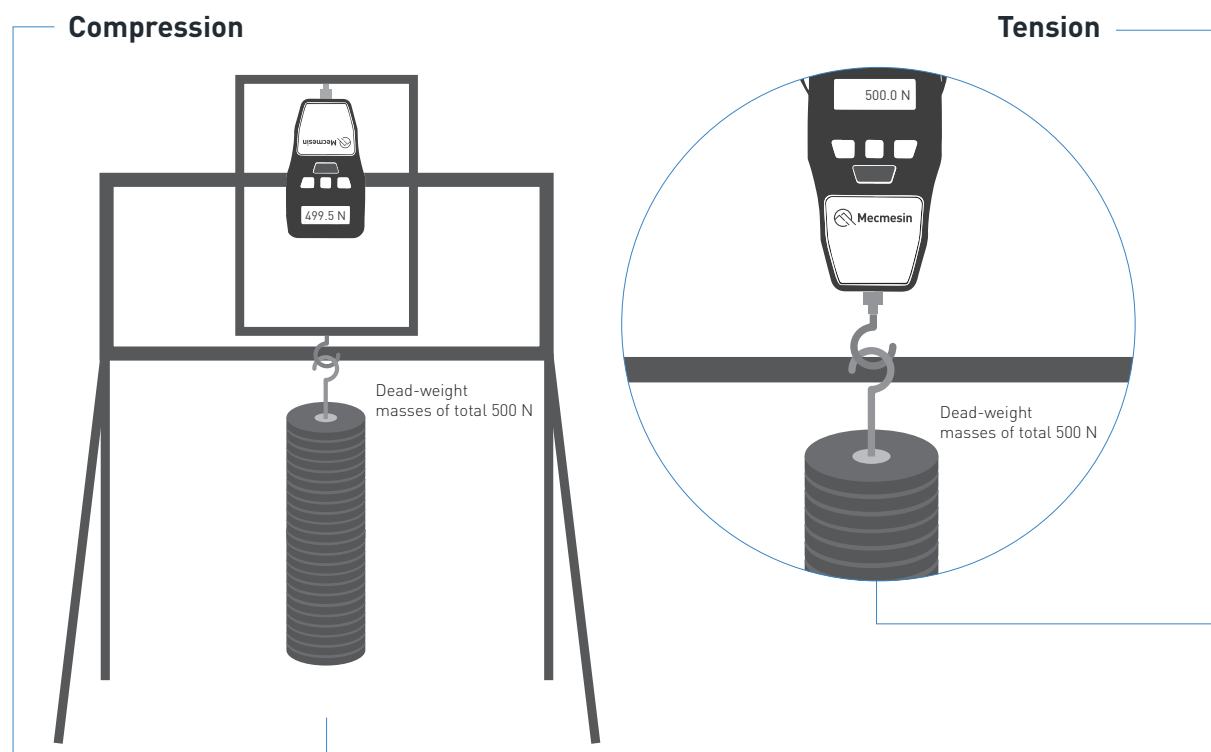
Offering our customers the highest level of ongoing support and after sales service is Mecmesin's priority. Our calibration services ensure you can use Mecmesin instruments to obtain the accurate test results you need.

## Calibration ensures:

- Test equipment meets its accuracy specifications.
- Reliable comparison of measurements taken with other calibrated devices.
- Traceability of the measurement to UK National Standards.
- UKAS Traceability Certificates to meet your auditing requirements .

## Why it's important to perform traceable calibration

If instruments are not calibrated on a regular basis it can raise uncertainty over the validity of measurement results. This may lead to higher costs due to production being halted whilst issues are being investigated. It may even lead to batches of inferior goods being made that subsequently have to be scrapped. Using uncalibrated instruments can even increase safety issues associated with the manufacture of sub-standard goods.



## On-site Calibration

Save time and money with Mecmesin's on-site verification service. One of Mecmesin's experienced technicians will verify your instrument at your own site. If an instrument is found to be outside its accuracy specification our technicians will do their best to adjust it back into specification. This significantly increases efficiency as the service can be planned around your production schedules. Downtime is reduced because the instrument does not have to be sent away from your site. There is no risk of loss or damage during transit and logistic costs are not incurred.

Available as a 'one-off' service or annually within a '3-year calibration contract'.

All calibration equipment used is traceable to UK National Standards

- Force from 1 N to 500 N using masses.
- Force from 1 kN to 25 kN using gold standard reference loadcells.
- Torque from 0.3 N.m to 10 N.m using a portable torque beam and masses.
- Length and speed verification for motorised force stands.
- Angle and speed verification for motorised torque stands.

## Benefits

- **Prompt.** Fast & convenient service with minimum downtime for your instrument.
- **Cost saving.** No need to hire or buy a 2nd instrument as a replacement.
- **Risk-free.** Eliminates potential damage/loss during transport.
- **FREE.** Loadcell adjustment.\*
- **FREE.** Extended warranty when purchasing a calibration contract.\*\*

\* If found to be outside the accuracy specification

\*\* Extended warranty to 4-years on new and 1-year old products from 1 N to 50 kN in tension and compression and from 0.3 N.m to 150 N.m in torque.

## We come to you...



# Return-to-Mecmesin Calibration

Our team of skilled technicians offers a comprehensive verification and adjustment service carried out in our fully-equipped calibration laboratory. It is the only facility in the UK that provides an adjustment service that, after an overload or impact situation, can return your Mecmesin instrument or loadcell to its original performance specification.

When you choose Mecmesin's calibration service, you are assured of the use of only properly certified and traceable weights and masses. Copies of certification for all of our equipment are available either by request or from our website: <http://www.mecmesin.com/traceability-certificates>.

The laboratory operates in accordance with international quality standards and all procedures and work instructions used are regularly audited as part of our ISO 9001 (2015) accreditation.

## Scope of services

A pre-booking service is available on our website to ensure your instruments are away from your company for the minimum period of time. <https://help.mecmesin.com/docs/how-order-your-calibration-mecmesin-uk>.

A **fast-track service** is available upon request.

All calibration equipment used is traceable to UK National Standards

- Force from 1 N to 500 N using masses.
- Force from 1 kN to 2.5 kN using a set of masses on a motorised rig.
- Force from 5 kN to 50 kN using gold standard reference loadcells.
- Torque from 0.1 N.m to 150 N.m using a torque beam and masses.
- Length and speed verification for motorised force stands.
- Angle and speed verification for motorised torque stands.

## UKAS accredited calibrations

If you require a calibration certificate issued by as **ISO 17025 UKAS** - accredited laboratory, then we can usually arrange this at a competitive price from one of our calibration partners. **Please call us and ask for details.**

# | Calibration Contract

Mecmesin recommends calibrating gauges, loadcells and other testing systems at least once every 12 months (depending upon usage) to ensure that you have the most accurate instruments and reliable test measurements.

Make the right choice and choose a **3-year calibration contract** to guarantee a fixed price and scheduled calibration times. Calibration contracts can either be 'Return-to-Mecmesin' or 'On-site' at your premises. We also offer annual maintenance contracts for priority technical support.

## 3 Years Calibration Contract

### Peace of mind

Calibration Certificate  
Traceable to UK national  
standards

### Fixed Price

Guaranteed over the duration  
of the contract allows for  
accurate budgeting

### One less thing to remember

Annual reminder sent 2 weeks  
prior to your next calibration

## Repairs

We hold an extensive stock of spare parts and offer a comprehensive repair service for all Mecmesin instruments, systems, test stands and accessories.

## Maintenance Plan

Maintenance Kits are offered to UK and Ireland customers to cover the most popular testing systems. They include a comprehensive set of spare parts and enable a Service Engineer to easily perform immediate maintenance on-site in the event of a repair.

Kits can be purchased individually or as part of an on-site Calibration & Maintenance Agreement. All included parts are supplied programmed & assembled, as necessary, and packed in a heavy-duty carry case.





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Mecmesin reserves the right to alter equipment specifications without prior notice. E&OE.

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