



Plate load testing service



A safer, quicker and more accurate way to conduct foundation load testing.

James Fisher Testing Services (JFTS) offers a UKAS accredited plate load testing service for customers who require accurate and reliable information on the load bearing characteristics of their ground conditions.

Whether you are undertaking enabling works, producing lift plans, assessing potential crane locations or undertaking road pavement design, we can provide full testing solutions for your project needs.

Our end-to-end service includes a risk assessment and method statements, on-site testing, analysis and reporting. Our approach guarantees a safe, accurate and timely service with fully auditable test results that are completed to UKAS standards. Site-specific testing regimes can also be devised and implemented.

PLATEMAN is the advanced plate load testing system engineered by JFTS' experienced in-house development team.

Safer, quicker and more accurate than traditional plate load testing systems, PLATEMAN provides dynamic intelligence in real-time, allowing you to act on data immediately and with confidence.

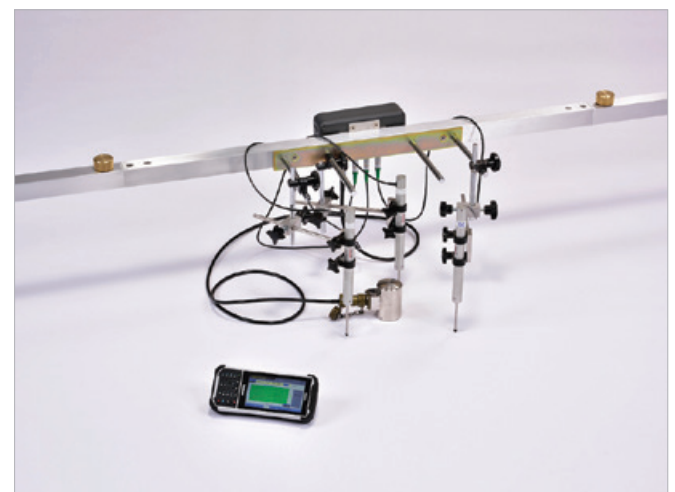
The wireless remote logging feature ensures the safety of site operatives, whilst the robust protective casing enables testing to be conducted in all weathers.

UKAS accredited laboratories

We have over 30 years of experience in structural investigation and materials testing, delivering solutions in our UKAS accredited laboratories across the UK and Ireland. Our UKAS accredited laboratories are also able to set up on-site under our flexible scope of accreditation.

Benefits:

- Increased safety of site operatives
- Compliant with BS1377 or DIN18134
- Testing in all weathers
- Immediate results (bearing pressure, plate settlement and estimated CBR value)
- Next day customisable reports guaranteed
- GPS coordinates included to ensure exact test location





How it works

A qualified JFTS materials technician will attend your site, where they will set up the PLATEMAN system. Load is placed on a steel plate at ground level and its settlement is measured at increasing load increments. The corresponding settlement (deflection) of the plate is recorded for each loading/unloading step.

Our plate testing service is typically 50% faster than the traditional method. PLATEMAN is quicker to set up, move around site and dismantle, while moving to the next load increment is controlled by real-time monitoring via the PDA.

Using the PLATEMAN system, results can be viewed instantaneously via an on-site PDA, giving you in depth analysis in real-time. Additionally, a custom report outlining all readings and results can be sent to you within 24 hours.



All of our equipment is supplied fully calibrated to UK national standards.

JFTS' services are now available nationwide from our regional offices. We are always happy to help find the appropriate, tailored solutions for your needs. If you have any requests or suggestions, please do not hesitate to contact us.

“ PLATEMAN has improved the way we work; it reduces risk on-site and removes human influence in reading individual gauges. This gives a greater confidence in the testing to ourselves, the client and UKAS. ”

Graham Booker,
materials technical
manager at Balfour
Beatty Major Projects

