

Pendulum Calibration & Servicing



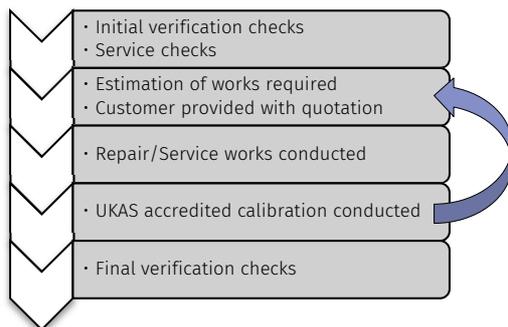
Introduction

As we are now UKAS accredited to BS EN ISO IEC 17025:2017 you can be assured that the calibration process is carried out to the highest possible standard. Our accredited status means that results can be trusted and measurements relied upon, ensuring that the calibrated Pendulum's readings command a high degree of confidence. We currently offer two tiers of certification, the full UKAS accredited calibration and a more basic service check.



Accredited BS 7976-3:2002+A1:2013 Calibration

The full calibration process is as follows;



On receipt of your Pendulum our engineers will conduct verification checks to determine whether the device is capable of accurate testing. Basic checks will then be conducted in order to estimate the parts and time required to bring the machine up to calibration standard. Once the customer has agreed costs for service/repair these works are conducted and the Pendulum placed in conditioning.

One hundred and twenty-nine checks and measurements are carried out in our specialised temperature-controlled calibration laboratory, with any minor adjustments being made as required to achieve compliance. Checks that require meaningful works to satisfy will be estimated and a proposal sent for approval before works are conducted and the Pendulum returned to the calibration stage. On completion a full calibration certificate is issued detailing all measurements.

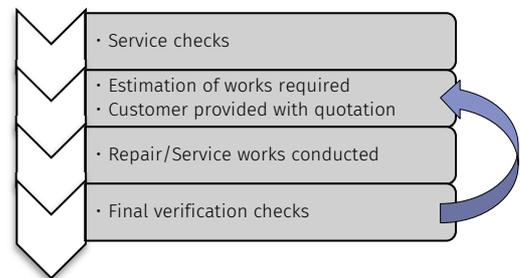
Please be aware that the combination of newer, more stringent standards, and improvement of quality systems to satisfy the requirements of UKAS accreditation, means it is now more likely that machines will require additional works to achieve calibration.



Verification Check

For those who would not gain value from a full in-depth accredited calibration we offer a faster, cheaper Verification Check. This service focuses on a small number of the most crucial working parts of the machine and uses reliable verification checks to demonstrate that the machine is working properly. This service falls outside of the scope of our accreditation.

The Verification Check process is as follows;



On receipt of your Pendulum service checks are carried out to determine essential works required. Any significant works will be quoted and carried out only on receipt of approval.

Checks of the machine's geometry, mass and balance will be carried out, and the spring tension set accordingly. If satisfactory, verification tests will be carried out and a Verification Check test certificate issued.

With fewer checks the likelihood of works being required to achieve verification values is reduced, it does however remain a possibility, particularly with older or heavily used machines.



Further Information

If you have any queries regarding the calibration process, please don't hesitate to contact us

For order process queries;

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