

What Fast-Cal will save you

- Money - three calibrations per system at highly competitive prices.
- Labour costs - release valuable staff.
- No need to maintain or hire expensive dead weights.
- No health & safety issues associated with manual calibrations.
- Time - use your weigh system even when Fast-Cal is set up.
- Wasted production time - Fast-Cal takes a fraction of the time of other calibration methods.

How to get Fast-Cal to help you

- Book a demonstration today.
- Have a Site Survey.
- We'll present you with a tailor-made plan for a cost effective calibration solution.

To book your Fast-Cal demonstration please fill in your details below, and fax back this page to 01256 768719 or email demo@fastcal.org

Please contact me to arrange a demonstration of Fast-Cal	<input type="checkbox"/>	tick box
Please send me more details about Fast-Cal	<input type="checkbox"/>	
Name	Position	
Company		
Address		
.....		Post Code
Telephone number		
Fax number		
Email address		

Now there's a **faster, safer, more cost efficient** way of calibrating weigh vessels



How Fast-Cal will benefit you

What is Fast-Cal?

Fast-Cal is a portable calibrating system designed to facilitate the fast, safe and cost efficient calibration of weigh vessels. Fast-Cal enables the accurate, rapid and full-scale calibrations of a wide variety of weigh vessels, ranging from 250kg to over 100,000kg **without the need for bulky dead weights or water metering.**

A Fast-Cal calibration is **quicker to perform** than conventional methods. The system provides a **cost effective** and **safe** solution as well as being traceable and easily repeatable.



Fast-Cal builds a comprehensive data base for your weighing systems

Fast-Cal would save a typical manufacturing plant over 100 man-hours a year as well as providing high quality management information about weighing facilities.

The many advantages of Fast-Cal

More cost effective than endless water metering or dead weights - there is no requirement for additional labour and man-hour productivity is, typically, fifteen times better than with conventional calibration methods.

Less down time - Fast-Cal typically completes ten weighing vessels a day with far less time needed for process shut down. A Fast-Cal calibration can also be undertaken at short notice.

Safety - no endless metering of water and no need to move heavy dead weights.

Traceability - Fast-Cal reference sensors are traceable to International Standards, including the UK National Physical Laboratory.

Full scale, full system calibration -

Fast-Cal calibrates the whole system - no just a partial simulation such as

a sample weight that could be extrapolated inaccurately.

Accuracy - numerous point readings are taken to guarantee accurate calibration throughout the range. In addition, the system uses high precision reference load sensors that are accurate to 0.02% of full scale. The Fast-Cal system also highlights mechanical interference in the weighing system such as that generated by pipe work and agitators.

Better management information - Calibration Certification shows BFSL, Non-linearity, repeatability, hysteresis and calibration points. Historical outputs are also stored for future reference.

True Performance - Unlike other calibration methods such as water metering, dead weights or simulators, Fast-Cal actually exerts the full loads on to weigh vessels three times. This is the only way to ensure a true calibration



Fast-Cal Case Study #1

Fast-Cal was engaged to calibrate nine weigh systems. This should have taken only one day to complete.

However, the work took two days to undertake because Fast-Cal highlighted mechanical problems that the other calibration methods previously used could not.

The customer was left with nine weigh systems working as they should be for the first time in years, saving many times the Fast-Cal fee in the first few days of accurate operation!

Fast-Cal Case Study #2

Fast-Cal saved one site a huge amount in direct costs and time.

The company previously chose to use water to calibrate their weigh vessels. Sometimes after metering 30,000 litres of water the calibration data was not accepted by the weighing display and so they had no option but to start again.

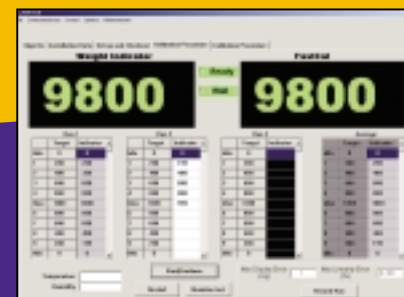
Before they could restart, however, they had to burn off the contaminated water! Fast-Cal can typically calibrate each of this company's weigh vessels in 30 minutes.

Fast-Cal Case Study #3

One company agreed to pay £450 a day for an engineer to calibrate its weigh vessels using water.

This didn't seem too bad, until they realised that they were paying for two engineers who took 12 days (24 man days) to complete the job.

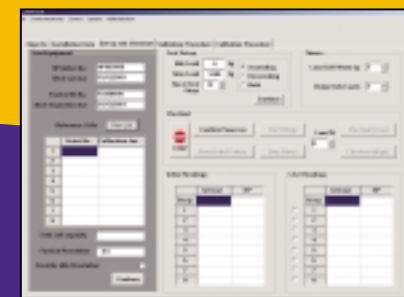
It took Fast-Cal two man days to calibrate the same nine weigh vessels.



The validation screen shows each of the three calibration runs including the load steps. Loads can be applied ascending, descending or in both directions.



Precision electronics relay the reference load cell outputs back to the computer where they are displayed in a variety of engineering units such as kg, lbs and Kn.



The engineer's set up screen allows him to test the weighing system for any mechanical interferences at full scale, as well as ensuring all weighing sensors are working correctly.

What Fast-Cal can calibrate

- Hoppers
- Vessels
- Lever work systems
- Scale Platforms
- Crane scales
- Apply tensile/compression forces for component testing.
- Calibration of load cells used in testing machines.

Not just one calibration run but...

- 3 full scale runs, ascending, descending or both.
- Numerous load points.
- Quick & Easy to set up so spot calibration checks can be made.
- Produces a trend report to better understand your exact calibration requirements.
- Highlights all mechanical problems effecting your weigh systems.