



Procon Engineering



Total Site Calibration & Support for the Food & Beverage Industries

- Using our unique traceable calibration methods, we have saved most of our customers between 30 and 40% compared with their previous service agreements!
- All Procon Contract Customers are guaranteed 7 day 24 hour Service Support with on-site support assistance from one of our UK wide engineers within 8 hours!

Scope: Weight - Flow - Pressure - Temperature - Magnetic Field

Comprehensive & Professional On Site Services

Procon have extensive experience with leading Food and Beverage manufacturers. We understand how important it is to keep your plant in peak condition and our extensive on site services for the Food and Drink sectors are designed to:

- Maximise asset uptime
- Minimise plant disruption
- Ensure legislative compliance
- Streamline QA procedures & equipment traceability
- Save you money

We recognise that ensuring essential measuring equipment is correctly serviced and calibrated is vital to your operation. Our proprietary calibration methods have been developed to carry out effective calibration with minimum operational disruption and are traceable to National Standards.



Overview

- 7-day, 24 hour Service and Support
- Bespoke Service Contract Agreements
- Cost-effective Calibration Techniques
- Installation and Commissioning
- Repair, Refurbishment and Upgrades
- Remote Modem Diagnostic Support



Silo and Vessel Calibration

Procon offer a full calibration service for vessels and silos using our mobile **ForceCal** force calibration test rigs.



- Calibration of all types of vessels and silos can be carried out simply whilst full or empty
- Vessel and silo calibration equipment traceable to National standards
- Provides the most cost effective calibration method for your equipment
- Minimum intrusion for your process and production requirements
- Helps maximise your company profits
- Battery powered ATEX Zone 1 rigs
- Suitable for system capacities of 0-4 tonne, 0-8 tonne, 0-20 tonne and 0-40 tonne
- Work carried out by experienced Procon Field Service Team
- Certification traceable to National Standards issued on-site during visit



Service and support where and when you need it



Weighing equipment is at the heart of all Food and Beverage plants - from **Goods in** to **Goods out**. Our fully trained engineers carry M1 and F1 test weights with the support of weight trailers located at all our service centres. They can support Procon's own brand products and other manufacturers' equipment. Our service and **WeighCal** calibration capabilities allow us to maintain a wide range of instruments to the highest standards including:

- Laboratory Balances
- Floor and Bench Scales
- Counting Scales
- In line Check Weighers
- Pallet Scales
- Metal Detectors



As members of the UK Weighing Federation, our calibration procedures are carried out in strict accordance with the UKWF's Code of Practice for the calibration of non-automatic weighing instruments.

Flow Meter Calibration

Procon offer the 'on-site calibration' of flow meters using our mobile **FlowCal** Flow Meter test rigs. This negates the disruptive and costly need to remove flow meters from site for calibration.



- **FlowCal** rigs allow the calibration of up to 10 flow meters per day 'on-site'
- Calibration range from 50 to 25,000 litres per hour
- Flow meter calibration traceable to National Standards



Note: In applications where flow meters *cannot* be removed from production, the calibration and performance of cycles can be carried out using our Ultra-Sonic strap-on flow meter kits.

Temperature Calibration



Procon Engineers are trained to maintain and calibrate a diverse range of temperature controls. They carry a wide range of test equipment including hot baths, TP100, mV & mA simulators. Our scope includes equipment such as:

- **Static Displays, (typically -30°C to 1200°C)**
Freezers, Ovens, Room and Hand Held Devices, Monitoring Stations
- **Precision Controls**
PLC Input Devices, Voltage Current Source Controllers
- **Temperature Probes**
PT100, T Type, K Type, J Type

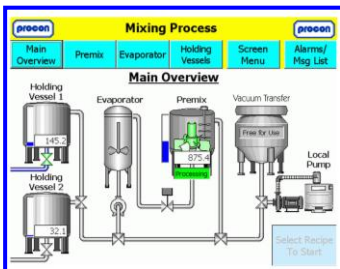


Magnetic Field Strength Calibration

In addition to our core calibration techniques outlined above, we can also calibrate metal detectors to ensure the magnetic field strengths are within specification. Equipment can be calibrated in Tesla, Gauss and Oersted.

Our Pedigree

Procon Engineering is a leading designer, manufacturer and supplier of turnkey solutions for Process Control & Weighing Systems. We are certified to ISO9001-2008.



Our skill set includes:

- System Feasibility Studies and Design
- Project Management
- Process Evaluation and System Optimisation
- Mechanical and Electrical Engineering
- Panel Building
- Digital and Analogue Electronics
- Application and System Software
- Service and System Maintenance

Our customers include: Nestlé, Premier Foods, Unilever, Barry Callebaut, Müller, British Sugar, Kraft Foods, Dairy Crest, Coors Brewers, Allied Bakeries and ADM Cocoa

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