

MAKING EVERY DROP COUNT



TCS FLOW METERS

HIGH CAPACITY FLOW METERS



A-FLO provides a full range of TCS Accessory Equipment which includes:

- ✓ Strainers
- ✓ Air & Vapour Eliminators
- ✓ Control Valves
- ✓ Pulse Transmitters
- ✓ Mechanical or Electronic Registration to complete system requirements



MADE IN USA

HIGHEST QUALITY GUARANTEED

AFTER SALES SUPPORT

'The Standard of Measurement'

Since 1995, Total Control Systems (TCS) has been the industry leader in the design and manufacture of precious custody transfer flow meters and accessories. We specialise in crafting innovative solutions for the refined fuels, LPG, aviation, oil/lubes, fertilizer and agricultural chemical, marine, renewable fuels and DEF markets. We're family owned and operated, which means we build our business on relationships, not just profits. Partner with TCS and discover why we continue to lead the industry in providing liquid handling equipment.

Why total control systems?

- ✓ We put our customers first. When they speak we listen
- ✓ Focused on providing the highest quality products and the best service at a fair price
- ✓ Dedicated to providing the right solution, on time every time
- ✓ TCS invests in innovation to ensure we support our customers not only today but well into the future.

Products & Services

TCS specialises in providing both reliable and innovative liquid measurements and recording equipment that is weighed, measured and approved (NIST, OIML, NMI, MID and SABS). Today, TCS can be found supporting companies both large and small across the globe.

682 Flow Meter Series

TCS offers the world's only "True" positive displacement flow meter, known as the 682 Piston Meter. Due to its astounding accuracy, it was originally called the "Miracle Meter" when it was first designed in the 1930's by Tokheim Corporation. Since purchasing the rights to the meter in 1995, TCS has made significant enhancements to the design. In addition to maintaining its superior accuracy, it now offers improved performance and reliability while being both smaller and lighter. In industries that operate at lower flow rates but require both high accuracy and reliability, there is not better meter than the TCS 682.



A-FLO EQUIPMENT

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700 Series Flow Meter Series

The TCS 700 is the flagship product of Total Control Systems. This positive displacement rotary flow meter boasts unique design features to improve accuracy and performance. The TCS 700 features tri-rotor design that improves accuracy by minimising pressure loss. With no metal to metal contact within the measuring chamber, the TCS 700 avoids internal wear to ensure long-term accuracy and extend time between calibrations. It is available in a wide variety of metals and sizes from 1 ½" to 6" to support a wide range of industries and liquids. All TCS 700 meters are engineered and manufactured in-house. Thanks to Total Control System's reputation as being a trusted industry provider and the TCS 700's superior design, the meter is becoming the rotary flow meter of choice.



Meter Accessories

Valves

TCS offers a variety of valves including hydraulic preset, electronic preset, air differential check, in-line back check and digital valves. These valves can be made in various materials and sizes to accommodate your specific application.

Air & Vapour Eliminators

When air and vapour elimination is needed, TCS is there with the accessories you need. TCS electronic and mechanical air/vapour eliminators and strainers are designed to remove free air/vapour from both low and high volume applications. They can be made from aluminium, ductile iron and stainless steel for your specific application.

Pulse Transmitters

TCS Pulse Transmitters allow you to send volume data to a remote display, register, computer or fuel management system (PLC). The glandless pulse transmitter can provide single or dual channel output.

Miscellaneous

In addition to its standard accessories, TCS offers miscellaneous accessories such as process instrumentation, rate-of-flow indicators, RTD temperature probes, remote displays, clutch assemblies, insulation jackets, protective covers and more!



TCS 3000 Register

TCS recognises a widening gap between existing electronic registration and emerging in-truck billing technologies. We responded with the TCS 3000, a fully integrated flow computer. This next generation's register was designed not only to meet the needs of today's users but also those of the future. Thanks to its flexible design and open software architecture, the TCS 3000 will continue to evolve and grow to meet tomorrow's challenges.



The TCS 300 features a large easy-to-read colour display and a full keyboard. Along with optional wireless capabilities, cloud-based delivery tracking, and back-office integration, this register is taking the industry by storm. Whether you require a simple "pump and print" delivery or an advanced management solution, the TCS 3000 will provide total control of your product inventory.

TCS HUB

TCS developed the TCS HUB, a companion software to the TCS 3000 electronic register. As demand for the TCS 3000 electronic register has grown, we realise that not everyone wanted or could justify the expense of the in-truck solutions. This unique software solution allows the home office to communicate directly to the register to collect driver tickets in real-time (using a cellular connection) or at the end of the day (using a radio frequency connection) and then export that information to the back office software. With additional GPS add-ons, dispatchers can even keep an eye on the location of their trucks. Thanks to the power and flexibility of the TCS HUB, fuel marketers and distributors can close the information gap between their trucks and the home office. The TCS HUB is the first step towards full tank farm fuel management.