

Liquid Controls Aviation

Flow Metering for Precision, Safety, and Compliance



Liquid Controls has established itself as the leading provider of reliable fuel metering systems for the **aviation industry**, with over 70 years of experience. Our **aviation fueling solutions** are designed to meet the highest standards of **precision** and **safety**, ensuring each litre of fuel dispensed is measured with **maximum accuracy**, which is crucial for aircraft performance and **flight safety**.

Advanced Metering Technology

Liquid Controls' Class 2 meters have been the trusted choice for aviation fueling applications for more than six decades. With an innovative design, the tri-rotor meter ensures there is no metal-to-metal contact within the measuring chamber, utilising a thin liquid capillary film for hydraulic sealing. This unique design minimises wear and tear, ensures sustained accuracy, and reduces operating costs.

Our TEX electronic register integrates seamlessly with these meters, providing real-time data capture and wireless transmission capabilities. It enhances operational efficiency and ensures compliance with international standards and regulations.



Key Features and Benefits

Sustained Accuracy

Zero wear, no metal-to-metal contact inside the measuring chamber, resulting in long-term accuracy retention and fewer recalibrations.

Low Maintenance Costs

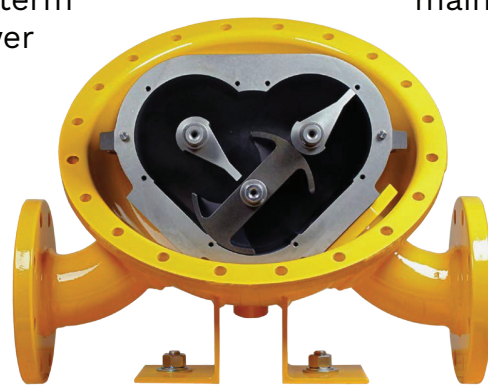
The robust design of our meters and registers ensures minimal maintenance, saving operational costs over time.

Compliance

Meets **ATEX** and **PESO** certifications, guaranteeing safety in hazardous environments.

Durability

Built to last, our meters provide long service life even in harsh conditions.



Advanced Data Management

Seamlessly integrates with critical sensing devices, ensuring smooth operations and real-time monitoring.

Tailored for Aviation Applications

Our **aviation fueling systems** are engineered for **high-precision** fuel deliveries, essential for **aircraft refueling**. **Liquid Controls** provides a range of products, including

Temperature probes for real-time fuel temperature compensation

H₂O sensors for monitoring water content, ensuring safe fuel delivery per **JIG, IATA, and E11598** standards

DP Transducers for real-time differential pressure monitoring

Remote Large Displays for long-distance viewing, perfect for aviation refuelers

Proven Performance in Every Delivery

With **TEX Flow Computers**, Liquid Controls ensures that every refueling operation is efficient and safe. Our **TEX** units manage and monitor all critical functions in aviation fueling, including fuel temperature, water presence, and flow rate, all in compliance with industry regulations.

Installation

Flexible mounting options and easy setup make the system adaptable to any refueling scenario.



Display

The 7" high-contrast color display ensures clear visibility even in low-light environments.

Safety

With advanced **Deadman Logic** and **Filter Monitor Logic**, our systems provide real-time data and prevent over-pressurization or contamination.

Reliable and Global Support

Liquid Controls offers more than just innovative products; we provide a **comprehensive support** ecosystem. Our **global standards, local execution approach** ensures that our products are backed by swift regional support and optimised spare parts logistics, minimizing downtime.

Swift Regional Support

Dedicated teams located across India ensure fast resolution and efficient customer service.

Expert Assistance

Our skilled engineers offer precise, expert solutions, keeping your operations running smoothly.

Liquid Controls:

The Trusted Partner for Aviation Fueling

With Liquid Controls, you are not only investing in the most precise and reliable fueling meters but also in a global partner committed to safety, compliance, and performance.

