

FUELTRAX STANDARDIZES ON SMART CORIOLIS MASS FLOWMETERS

Measuring fuel directly ensures greater accuracy, accountability, security, and reliability.



The challenge:

The security of volumetric fuel measuring systems can be compromised and circumvented, presenting accountability risks for vessel operators and owners. Volumetric meters can also seize and inhibit fuel flow, starving the engines and creating unsafe operating conditions. Changes in fuel density, impurities and other inconsistencies can bypass traditional fuel metering, leading to inaccurate measurements and an inability to provide accurate fuel reports and comply with fuel regulations.

The solution:

FUELTRAX® has chosen to standardize on Coriolis mass flowmeters because they are the proven, reliable metering technology for mass-flow measurements. Measuring by massflow, instead of volume, brings four key benefits to the FUELTRAX system: **accuracy, reliability, intelligence, and security**. Coriolis meters are hollow tubes and will not inhibit fuel flow under any circumstances. Through connection with the FUELTRAX system, Coriolis meter tuning and calibration verification can be preformed remotely.

The process:

Coriolis technology senses what is passing through the pipe, which could include air, water or out-of-specification fuel densities and temperatures. Using Coriolis meters allows FUELTRAX to detect and alert vessel operators in the

event of such discrepancies, dealing with the issue of fuel accountability in real-time. FUELTRAX retains bi-directional communication with the meters to perform remote diagnostics and troubleshooting in the unlikely event that the meter is experiencing an issue. If a meter is powered-off or disconnected in an attempt to circumvent it, FUELTRAX is alerted straight away.

The results:

Mass flowmeters are much more accurate than volumetric meters, with $\pm 0.15\%$ accuracy, delivery precise fuel data to FUELTRAX that is free of errors or discrepancies. Coriolis mass flowmeters grant FUELTRAX users real, transparent fuel monitoring, just as if you had a fuel-auditor aboard the vessel. With FUELTRAX on board, operators are ensured with a compliance guarantee.

The benefits:

Unlike volumetric meters, Coriolis meters require little-to-no physical maintenance. All maintenance and calibration verification can be performed remotely as required. These Class-approved meters are designed to last the lifetime of the vessel. Standardizing on Coriolis mass-flow measurements means FUELTRAX provides you with the greatest security, reliability, accuracy, and intelligence available for your marine fuel management system.

Talk to FUELTRAX to find out how we can help you to reduce costs, maintain fuel security and maximize uptime

+1 (281) 209-3480
Toll Free USA: 844-FuelTrax

info@fueltrax.com
fueltrax.com