



LIQUID CONTROLS

TEX Flow Computer Solutions

YOUR PARTNER FOR INTELLIGENT FLOW COMPUTING AND FLEET AUTOMATION

Reliable data management is at the core of every modern mobile fuel distribution operation. Liquid Controls delivers the TEX Flow Computer, a high-precision, robust electronic register designed to enhance system performance, automate transaction logging, and ensure operational confidence across truck-mounted and stationary fluid distribution systems.

THE EVOLVING MOBILE DISTRIBUTION LANDSCAPE

The downstream petroleum and mobile fuel delivery market is evolving with a clear objective: zero transaction errors through seamless data integration and absolute volume accountability.

As transport fleets, bobtails, and fueling networks expand, relying on traditional manual registers introduces critical commercial risks. Fleet operators require an advanced, adaptable electronic platform that can interface effortlessly with various meter types and fleet management software packages to streamline distribution and capture real-time transaction data.

WHY ADVANCED FLOW COMPUTING MATTERS

Accurate, digitized electronic tracking plays a fundamental role in modern high-speed fluid distribution networks. It directly impacts:



MARKET NEEDS AND APPLICATION CHALLENGES

Mobile fuel delivery and bulk fluid transfer systems operate in challenging field conditions that severely test electronic equipment:

VIBRATION AND HARSH FIELD CONDITIONS:

Mobile tank trucks operate across rugged, unpaved terrain and extreme temperatures. Electronic units must resist mechanical shock, thermal fluctuations and water ingress.

COMPLEX DATA SILOS:

Inefficient communication between field delivery drivers and central accounting offices delays invoicing cycles and increases reconciliation issues.

MULTI-PRODUCT HANDLING RISKS:

Discharging multiple products (such as diesel, petrol, or kerosene) through a single manifold increases cross-contamination risks if mechanical valving is unmonitored.

SOFTWARE CONFIGURATION INFLEXIBILITY:

Off-the-shelf registers often require complicated reprogramming or physical component changes to adapt to changing fleet automation software platforms.

LIQUID CONTROLS TEX FLOW COMPUTER: ENGINEERED FOR REAL-WORLD CONDITIONS

The Liquid Controls TEX Flow Computer is a robust, field-ready platform built to simplify installation, configuration, and everyday fleet operation. Engineered around years of collaborative customer feedback, the TEX series bridges the gap between mechanical fluid measurement and modern digital oversight.

Key Engineering Features and Product Architecture

RUGGEDIZED INDUSTRIAL HOUSING:



Built with a high-durability enclosure & an intuitive tactile numeric keypad designed to survive harsh handling, heavy vibrations, and intense outdoor weather cycles.

HIGHLY ADAPTIVE SOFTWARE INTEGRATION:



The integrated software automatically recognizes system updates and parameters, interfacing smoothly with diverse fleet management solutions and telematics boxes without demanding specialized coding blocks.

TEX WIZ INTERFACE MATRIX:



Operates seamlessly across PCs, tablets and smartphones, allowing site supervisors and engineers to monitor configurations, track diagnostics, and adjust dispensing parameters effortlessly.

ADVANCED USER SECURITY ROUTING:



Features multi-level user passcode structures to lock down critical metrological calibrations, protecting the asset from unverified changes or structural tampering.

MULTI-REGISTER EXPANDABILITY:



Scalable architecture allows a single platform to control independent product lines or multiple meters (e.g., configurations across Truck I, Truck II, and Truck III setups), saving dashboard space and minimizing hardware overhead.

ENHANCING FLEET PERFORMANCE

Liquid Controls TEX solutions help deliver:

Operational Efficiency

Streamlined layout structures allow drivers to initiate, complete, and print transactions with a few simple button clicks, drastically cutting down cycle times at each delivery node.

Complete Data Traceability

Automated transaction archives capture volume profiles, temperature corrections and exact timestamps, removing data gaps between field technicians and billing offices.

Reduced Capital Expenditures (CapEx)

Multi-meter control capability allows one TEX unit to govern multiple delivery lanes or transport compartments, eliminating the cost of redundant standalone electronic modules.

Conclusion: Precision That Drives Performance

In the competitive landscape of mobile fuel delivery and bulk fluid transfer, success depends on data accuracy, physical reliability, and complete system integration.

The Liquid Controls TEX Flow Computer enables all three through:

- Field-proven, vibration-resistant electronics
- User-friendly, smartphone-compatible configuration tools
- Scalable multi-product control layouts

Is ready for TODAY and designed for TOMORROW.

One trusted system. One seamless solution.