



Smith Meter[®] microFlow.net[™]

Liquid single product flow computer



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Easy to use, and configurable to your application

With over 30 years of experience building the world's best electronic presets for multi-product loading, TechnipFMC offers a low-cost, single-product flow computer.

The Smith Meter® microLoad.net™ is a microprocessor-based instrument designed to manage and monitor continuous-flow applications, such as pipeline and marine terminals.

The unit can operate either as a stand-alone instrument, or as part of a Supervisory Control and Data Acquisition (SCADA) system.

Features

- ▶ Six-digit whole units batch totalizer
- ▶ Nine-digit non-resettable totalizers with whole units
- ▶ Flow rate management
- ▶ Continuous totalization
- ▶ Sediment and water (S&W) monitor input and NSV calculation
- ▶ Smith Meter Ultra™ Series Liquid Ultrasonic Meter communications
- ▶ Proline® Promass Coriolis Meter communications
- ▶ Temperature, pressure and density compensation and averaging daily timed reports with batch reset option
- ▶ Batch recalculation based on new density or S&W
- ▶ Sampler control support



The Smith Meter microFlow.net is designed for flow management to monitor, temperature compensate and transmit data to a data collection system.

Dependable injection solutions



Efficient system monitoring and easy process management

- ▶ Continuously monitors system-critical functions
- ▶ Automatically corrects volume *per API MPMS Chapter 11.1-2004
- ▶ programmable for numerous other API tables



Built for safety and reliability

- ▶ Multi-level security access
- ▶ Explosion-proof housing
- ▶ OIML-compliant display offers prolonged visibility during unplanned power outages



Flexible and configurable programming and reporting

- ▶ Ethernet network compatible - printing/configuration/Mobius
- ▶ Multi-drop serial ports for legacy system expansion
- ▶ Smith Meter or Modbus Protocols for host communications
- ▶ Boolean and algebraic programmable software for easy customization
- ▶ Customizable report formats to fit the needs of the application
- ▶ Options for multiple languages, customized messages and text communication
- ▶ Customizable formats for inputs and outputs
- ▶ Interfaces with Smith Meter® Ultra™ Series Liquid Ultrasonic Meter and Proline Promass Coriolis Meter
- ▶ Logs events and produces an audit trail
- ▶ Continuous Totalization
- ▶ S&W Monitor Input and NSV Calculation
- ▶ Batch Recalculation Based on New Density or S&W
- ▶ Temperature/Pressure Compensation
- ▶ Customized Reports