



GUIDANT

Smith Meter® microFlow.net™ Liquid

Guidant's easy-to-use, single-product flow computer offers dependable injection solutions and is easily configurable to liquid applications.

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

The Smith Meter microFlow.net Liquid is designed to manage and monitor continuous-flow operations such as pipeline and marine terminals, 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 net standard volume (NSV) calculation
- Smith Meter Ultra Series liquid ultrasonic flowmeter and 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

Efficient system monitoring and easy process management

- Continuously monitors system-critical functions
- Automatically corrects volume (per API MPMPS Chapter 11.1-2004); programmable for numerous other API tables

Built for safety and reliability

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



Flexible and configurable programming and reporting

- Ethernet network compatibility—printing/configuration/Modbus
- Multidrop 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, reports, and text communication
- Customizable formats for inputs and outputs
- Interfaces with Smith Meter Ultra Series liquid ultrasonic flowmeter and Proline Promass Coriolis meter
- Event and audit trail logging
- Continuous totalization
- S&W monitor input and NSV calculation
- Batch recalculation based on new density or S&W
- Temperature and pressure compensation



The microFlow.net Liquid, shown interfacing with a Coriolis meter, is designed for flow management to monitor, temperature compensate, and transmit data to a data collection system.

About Guidant

As the undisputed leader in liquid and gas custody transfer solutions with the largest global install base, Guidant's legacy is built on more than 80 years of expertise, accuracy, reliability, and best-in-class technologies. We are a private company focused on the measurement solutions business, serving emerging and established energy markets across the globe.

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