



STBT3000 FLOW MONITOR

STBT3000-02

STBT3000 Flow Monitor

The STBT3000 flow monitor is a flexible, durable, easy-to-use platform for your flow metering applications. Our trusted flow metering technology now offers a new flow monitor with more options and features than ever before.

This monitor is capable of accepting low-level frequency input signals typically found in turbine flow sensors. The output signal for these type of sensors is a frequency proportional to the rate of flow. The STBT3000 monitor uses the frequency information to calculate flow rate and total flow.

APPLICATIONS

The BT3100 monitor is suitable for application in a wide variety of metering needs. A few of the more common industries are:

- Secondary oil recovery applications
- Remediation and reclamation
- Fracture/refracture
- Coal bed methane
- Regulatory compliance and environmental accountability
- Industrial chemicals
- Aggressive chemical processing applications
- Semiconductor manufacturing
- Fertilizer production and dispensing
- Pesticide manufacture
- Liquid batching and water cooling

FEATURES

- Robust alarm parameters provide faster warning when something changes in the process or pipeline.
- Greater control and greater visibility of batch operations.
- Advanced connectivity options allow you to connect meters to your network for remote monitoring and process automation capabilities.
- Solar, battery, and 4...20 milliampere loop power options provide the ability to install in a remote location and be up and running immediately, maintain readings and settings during power loss, and a battery life up to 8 years.
- Updated display and totalization options provide more flow information, including simultaneous display of rate and total as well as standard, batch and grand totals.
- Various mounting and enclosure options provide a STBT3000 model for your operation.

SPECIFICATIONS

Display	Common: Simultaneously shows Rate and Total; 5 x 7 Dot Matrix LCD, STN Fluid 6 Digit Rate, 0.5 inch (12.7 mm) numeric 7 Digit Total, 0.5 inch (12.7 mm) numeric Engineering Unit Labels 0.34 in. (8.6 mm) Annunciators: Alarm 1, Alarm 2, Battery Level, RS485 Communications (COM)
Power	FM Intrinsically Safe, Explosion Proof, NonIncendive / ATEX Intrinsically Safe, Flame Proof, NEPSI, IECEx Flame Proof and Intrinsically Safe, Type N, EMC and PED Conformity