

# FloBoss™ S600+

## Panel-Mounted Fiscal Flow Computer

The FloBoss S600+ is a market-leading panel-mounted fiscal flow computer designed specifically for hydrocarbon liquid and gas measurement where versatility and accuracy are high priorities.

### FloBoss S600+ Hardware

- If required, the FloBoss S600+ operates in exactly the same way as the FloBoss S600
- Fully backward compatible
- Safeguards the future supply
- Allows multi-stream, multi-station applications to be configured for simultaneous metering of gas, wet gas, crude oil, refined products, LPG, NGLs, etc.
- Gives extended data logging facilities
- Provides increased communication capability
- Permits unprecedented support for global measurement standards

### Applications

- Fiscal flow measurement
- Custody transfer
- Pipeline measurement
- Batch loading
- Meter proving applications
- Single or multi-stream measurement
- Flow control

### What's New

The critical Central Processing Unit (CPU) has been redesigned to take account of recent technological advances. The existing application firmware behind 8,000 installations of the world's market-leading flow computer has been re-compiled to run in the new hardware and eliminate any potential new coding issues.



To meet ever-increasing demands of fiscal metering worldwide, this development provides the following improvements:

#### Greater communication connectivity

The FloBoss S600+ now has two full duplex high-speed 100Mb/s ethernet and nine serial ports as standard, providing greater metering and integration capability. Two independent ethernet ports allow for more flexibility to the available option cards, thus improving metering capability in a single FloBoss S600+.

#### Increased support for use of “intelligent meters”

With the benefits of coriolis and ultrasonic meters being increasingly utilized in the field, the FloBoss S600+ has been designed to further enhance these metering technologies:

- Support for “dual proving” (two provers managed by a single FloBoss S600+) allowing the flow computer to improve proving repeatability and reduce measurement uncertainty of coriolis and ultrasonic meters

- Increased serial ports for greater communication with an increasing number of intelligent meters
- Custom-made interfaces to many of the leading coriolis and ultrasonic meters to help reduce integration time

### **Increased processing power**

The increased power of the FloBoss S600+ provides faster calculations to minimize uncertainty and allow Remote Automation Solutions to continue to add new features and functions to ensure users continue to benefit from their investments.

### **Significant increase in data logging, archiving, and improved data integrity**

Extended data logging and archiving provides reduced operational costs for remote sites, as well as additional security and peace of mind. In the event of a supervisory system failure, data integrity and audit trails are maintained.

### **Multiple user configurations**

The ability to store up to 20 different user configurations in a single machine helps reduce spares inventory and minimize any possible downtime.

### **Increased flexibility to the user interface**

The FloBoss S600+ provides a built-in web server which allows for remote diagnostics, report access, and configuration that help to reduce operating costs and minimize the time to address potential issues in the field. The web server security has also been increased for further peace of mind.

### **USB port**

This allows reports and alarm / event logs to be saved to a flash drive, through a USB 2.0 port added to rear of device. This also provides a configuration upload and printer interface capability.

### **Full backward compatibility**

The existing configurations that have been used with the previous FloBoss S600 run in the new S600+ in exactly the same way allowing you a seamless upgrade that will also preserve your investments. The FloBoss S600+ does what it used to do – but better, faster, and more efficiently.

## **New developments to safeguard the future supply and support**

The FloBoss S600 is already field-proven in all corners of the world – offering you tremendous capability with minimal risk. Functionality, firmware, and calculations have been tested and proven to international and national standards and by most major oil and gas customers.



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