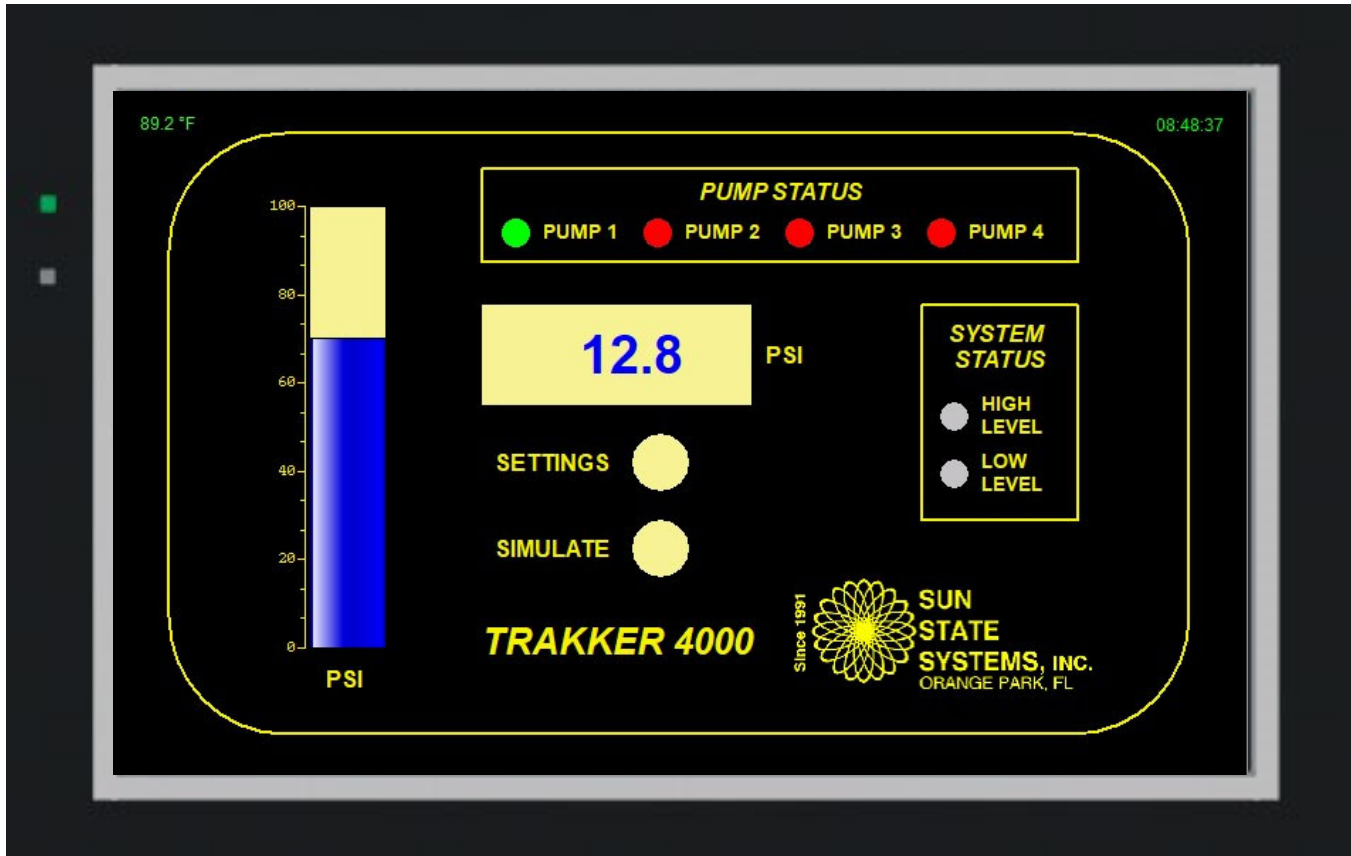


# TRAKKER 4000

## FIXED OR VARIABLE SPEED PUMP CONTROLLER

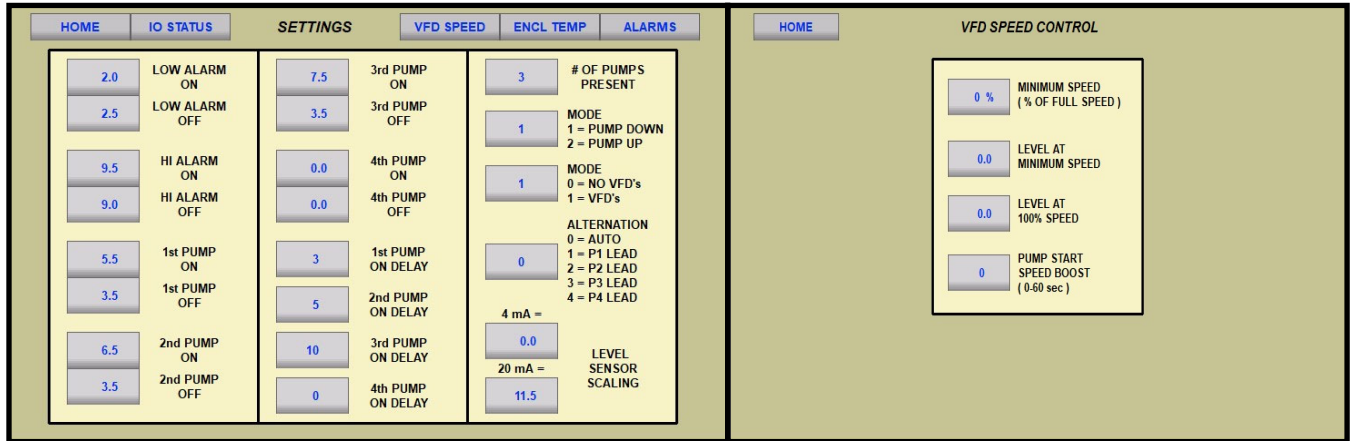


The *TRAKKER 4000* series controllers take a major leap in intelligent pump control. Built upon our *TRAKKER 3000* series platform, *TRAKKER 4000* controllers feature an enhanced user interface, greater functionality, and higher performance.

- ◆ **INTELLIGENT PUMP CONTROL**  
Intelligently control up to four pumps with features including automatic or manual alternation, alarm status notification and history, enclosure interior temperature monitoring (included with VFD and RVSS panels), variable speed control on VFD panels.
- ◆ **EASY SETUP**  
Parameter settings are done by a touch of a button, entering value from a popup keypad and press enter. Calibration of the analog 4-20mA input is achieved in the same fashion and there is no need for a signal generator.
- ◆ **LEVEL SIMULATION**  
Station level can be simulated from the user interface with visual indication. Simulation auto resets after thirty seconds of inactivity.
- ◆ **SCADA READY**  
Controller features Modbus RTU, Modbus TCP/IP and Ethernet IP protocols built in.

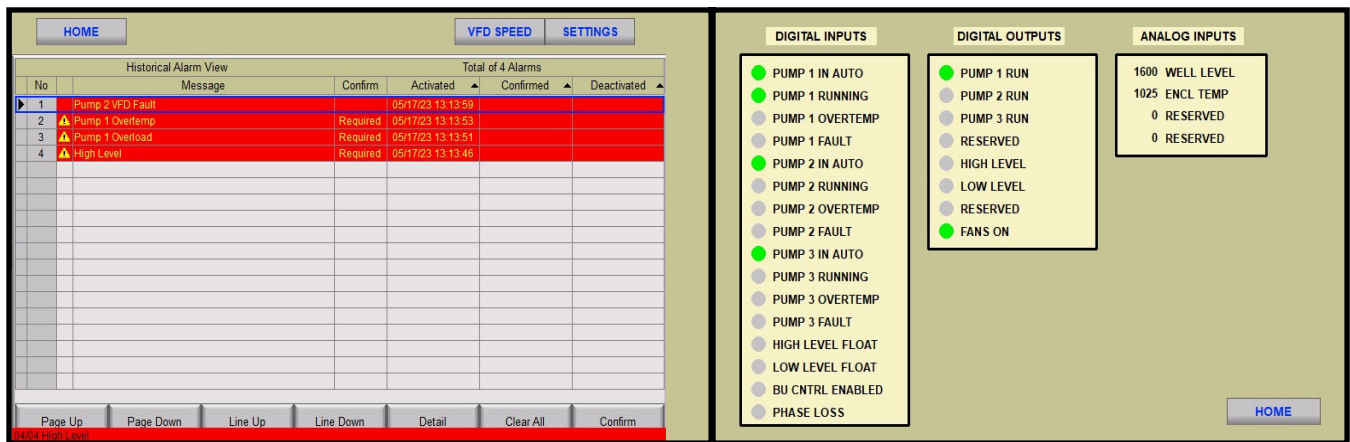
# STANDARD FEATURES

- Intuitive user interface screens



System Parameter Setup

Speed Control Setup



Alarm Status & History

I/O Status

- All Setup Parameters Values may be viewed or changed from the front of the unit
- 24 VDC Input power
- Process Input - 4-20 mA Analog Input
- Enclosure temperature monitoring
- Modbus RTU, Modbus TCP and Ethernet IP native protocols
- Four Pump Call Relay Outputs with Status Indication
- Two Process Alarm Relay Outputs with Status Indication (Process Low Alarm has 10 second power up delay)
- 10 Second Power Up Delay (After a power interruption, the first pump call is delayed by 10 seconds)
- Adjustable Lag Pump Delays for each Pump Call Output
- Automatic alternation or Fixed Lead Pump, alternation skips disabled pumps
- Process Simulation (Automatically ends after 1 full cycle)
- 5 Digit Process Indicator
- Bar Graph Process Indicator shows at a glance fill level percentage
- Signal generator not required for analog input scaling

