



STP-SCI Smart Controller

FE Petro would like to introduce its second generation of Smart Controller: the STP-SCI. New features were added based on your comments and requests from the field. The STP-SCI Smart Controller, introduced in June 2002, with full release in November 2002, continues to offer the same popular features as the STP-SC with these additions:

- **Fault Readout** - When ON, it will display the last 5 faults the controller encountered. When the switch is OFF only the current fault is displayed. Factory default is OFF.
- **Bypass** - When ON, the controller operates as a standard relay for 10 minutes and continues to detect overload conditions in bypass. When the switch is OFF all diagnostics are active. Factory default is OFF.
- **Extended Run Disable** - When ON, it will cancel extended run detection. When the switch is OFF the Extended Run alarm is active. Factory default is OFF.
- **Auto Restart** - When ON, a "Dry Run" condition will attempt to restart and automatically clear the fault on the next hook. When the switch is OFF the controller must be manually reset to "Dry Run" error detection. Factory default is OFF.

Other Improvements

- Easier installation and troubleshooting since the logic board is no longer part of the lid.
- Master/Slave or Alternating configurations no longer require hook jumpers be run to the slave controllers because enhanced 485 communication connection means no hook jumpers are needed.
- The reset button is now accessible on the side panel of the controller.
- The STP-SCI has two sets of configuration switches located on the lower board.

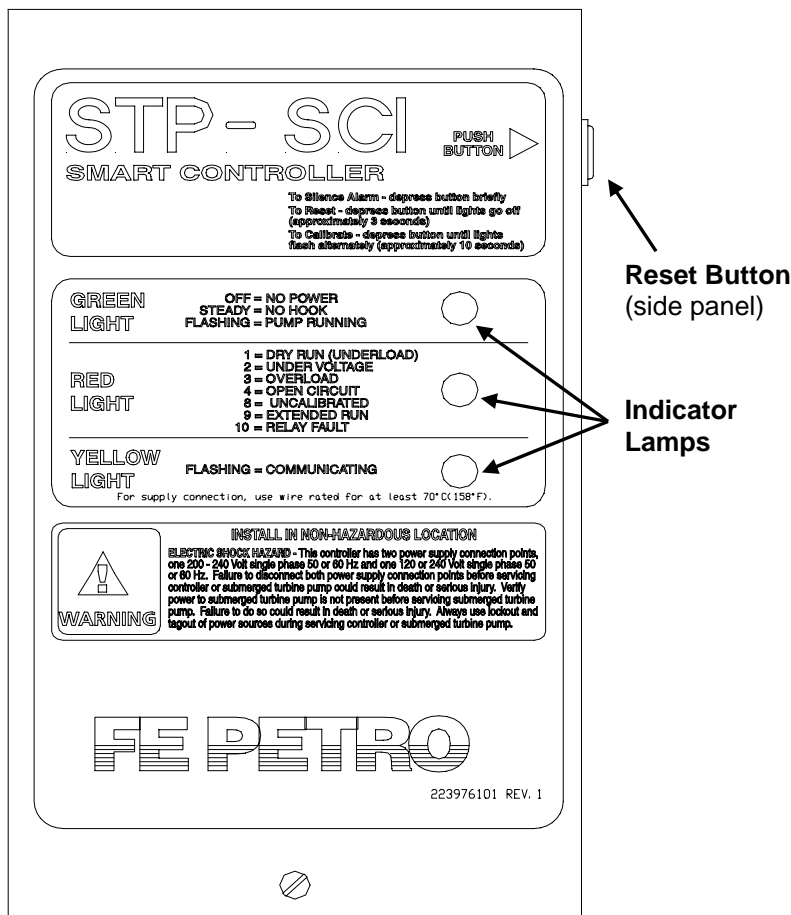
Compatibility of STP-SCI and STP-SC

- The same model controllers for Master/Slave and Alternating configurations must be used because the STP-SCI cannot communicate with the STP-SC due to the STP-SCI's enhanced communication protocols.
- We will continue to support the STP-SC with replacement parts although the controller as a whole unit is no longer available. See the table below for replacement part numbers for both the STP-SC and the STP-SCI.

	STP-SC	STP-SCI
Control board part number	Located on cover 223835930 (See Service Bulletin SB010)	Lower board in controller 225000930
Relay board part number	Located in base 223840930	Upper board in controller 225005930
Complete Unit	No longer available	5800100215

Please refer to the STP-SCI Installation and Owner's Manual for details on installation and operation of the STP-SCI.

Please contact Technical Support if we may be of any assistance.



STP-SCI Front