

## DIRECTOR® SCS

### SUPERVISORY CONTROL SYSTEM

This state of the art system with its Color Touch Screen Display gives you complete control and supervision of your burner and boiler operations, along with historical views to optimize the total system performance. The Director SCS is powered by the Honeywell SLATE PLC control system which offers far superior combustion control and improves total system efficiency. The large 10 inch color screen displays all essential boiler and burner information at a glance.

With configurable safety and programmable logic in a single platform, SLATE is easily customized for virtually any application in a wide range of industries, taking less time, and with far less complexity.

#### GRAPHIC DISPLAY FOR:

- ✓ Boiler input and output
- ✓ Set point and operating pressures
- ✓ Operating valve status
- ✓ Control and monitoring of water level
- ✓ Optional lead-lag control



## THE DIRECTOR SCS

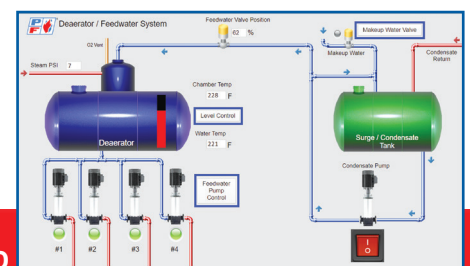
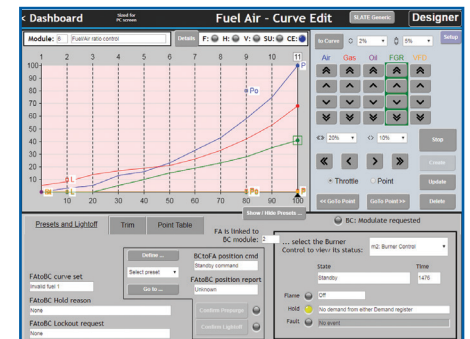
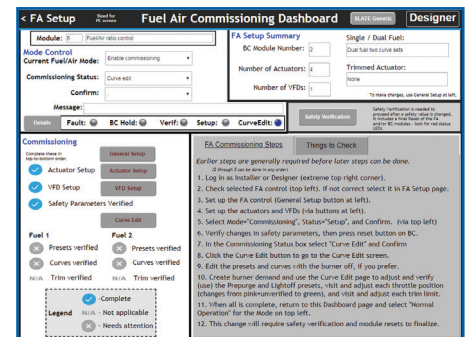
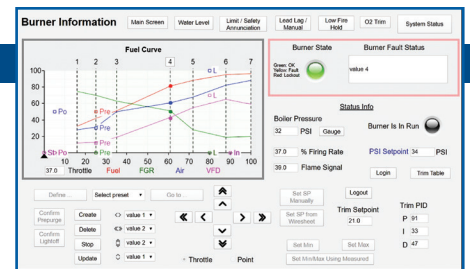


## FEATURES

- Programmable controller with integral burner management controls and field replaceable components
- Re-commission by downloading commissioning values from backup storage or USB.
- Standard 10 inch color control touchscreen
- Tamper resistance with multi-level password protection
- Monitor the boiler operating pressures and make adjustments with touch screen feature.
- Local/remote and manual/automatic firing rate control
- Current and past trending information available including:
  - Boiler pressure and load
  - Combustion efficiency
  - Flame Signal strength
- Lockout and alarm history
- Number of start-up cycles
- Total system run time
- Modbus, Bacnet, and TCP/IP communication network for interface to building/plant automation systems
- Full burner control of pre-purge, pilot flame establishing, main flame establishing period, running period and post purge
- Flame proving and lockout
- Thermal shock protection based on water temperature and setpoint

To further increase your operational efficiencies and monitoring capabilities these optional features are offered:

- O<sub>2</sub> Trim system
- Draft Control
- Feed water control and alarm, on screen adjustment and monitoring
- Variable Frequency Drive (VFD)
- Multi boiler Lead Lag system
- Flue gas re-circulation drive motor and monitoring
- Deaerator Control up to 6 pumps/4 VFDs
- Adjustable programing per application
- Accessible interface via web browser



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