atmosphere

Series 9010 - eSPP

Communicates with basic set point temperature or carbon controllers enhancing your capabilities by running simple or complex heat treat recipes without replacing existing instrumentation

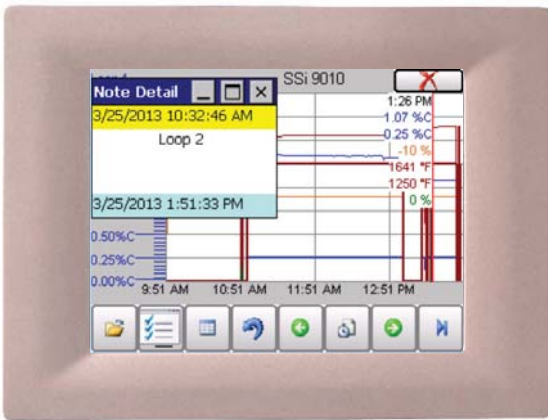## Enhanced Set Point Programmer and Digital Chart Recorder

Available screen sizes: 3.5", 5.7", 12.1", 15", 17"

eSPP Features

- Alarm log
- Easy to use recipe programmer
- Universal Modbus communications
- Configurable event management
- Digital data recorder
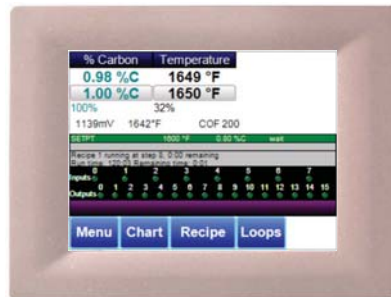- Turn simple PID controls into programmable controls

Model eSPP Includes

- Digital data recording / data logging / trend display
- Add handwritten or typed notes to trend charts
- Ethernet - Modbus TCP, RS232, RS485 (2) ports for SCADA interface
- Easily integrated into existing SCADA platform
- Universal recipe programmer
- Multi-language display
- Software drivers include: SSi, Honeywell, Eurotherm, Yokogawa, and MSI atmosphere and temperature controllers
- Setup for any Modbus communicating instrumentation
- Stores 300 heat treat recipes
- Easy editing of set point, soak times, and events
- Utility software for remote configuration of recipes and datalog reporting
- Applications include: batch, belt and pusher, pit, vacuum and temper furnaces
- 8 User defined events
    - Examples include: • Alarms • Probe Burnoff • Ammonia • End of Cycle • Force Cool

Built in Chart Recorder with Notes

- Load tracking in the controller
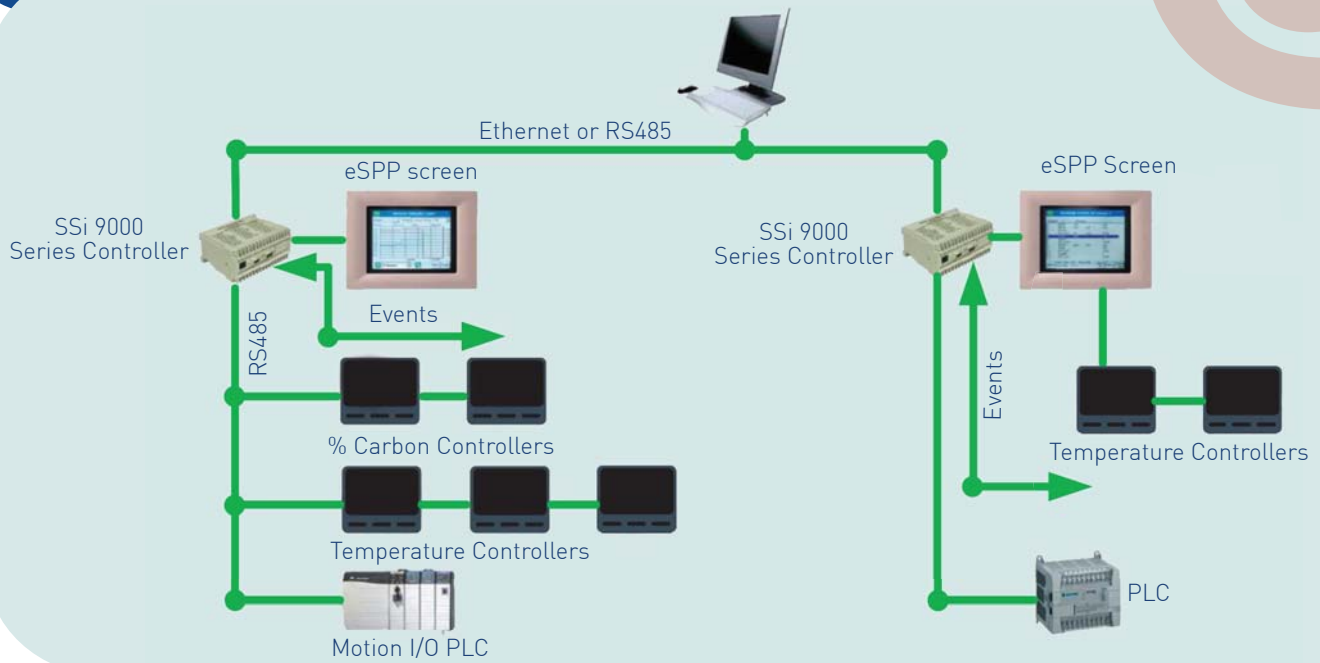- Load history reports
- Remote software

INNOVATIVE SOLUTIONS WORLDWIDE

Super Systems
incorporated

Communication Control Network

Ethernet or RS485

eSPP screen

SSi 9000
Series Controller

RS485

Events

% Carbon Controllers

Temperature Controllers

Motion I/O PLC

eSPP Screen

SSi 9000
Series Controller

Events

Temperature Controllers

PLC

Recipe Programmer

Advance	Hold	Stop
1 - SETPT	1700 °F	wait
2 - SETPT	1700 °F 1.00 %C	wait
3 - SOAK		0:01
4 - EVT_OUT		3-ON
5 - SETPT	1600 °F	wait
6 - DELAY		5 sec
7 - EVT_OUT		3-OFF
8 - SETPT	1600 °F 0.80 %C	wait
9 - SOAK		0:01
10 - EVT_OUT		1-ON
11 - ALARM		User alarm 1
12 - EVT_OUT		1-OFF

Recipe 1 running at step 8, 0:00 remaining
Run time: 102:07 Remaining time: 0:01

Load   Return

Typical "Program Status" Screen
- Program number running
- Showing full program
- Step number and segment type
- Atmosphere and temperature set points
- Event status
- Special instructions
- Current segment running
- Time remaining
- Time in segment
- Total program time

Non-volatile
flash memory
data storage

(Format of flash memory
may vary from that shown)

Super Systems
incorporated

TS Manager

Data management for touch screen
flashcard. Remote data viewer, remote
screen control, historical data backup,
SuperDATA integration.

7205 Edington Drive
Cincinnati, OH 45249
513.772.0060 phone
513.772.9466 fax

www.supersystems.com • 800.666.4330