

INNOVATIVE SOLUTIONS WORLD WIDE

MODEL ESPP

Enhanced Set Point Programmer & Digital Chart Recorder

RECIPE PROGRAMMER



CHART VIEW



The eSPP communicates with basic set point temperature or carbon controllers enhancing their capabilities by running simple or complex heat treat recipes without replacing existing instrumentation

- ¥ Digital Data **Recording**/ Data Logging / Trend Display
- ¥ Add **Hand Written** or typed notes to Trend charts
- ¥ 5.7" Color Touch Screen, Operator Interface (Cutout: 7.40"W X 5.56"H)
- ¥ Optional color touch screen sizes include 12.1
- ¥ ETHERNET & Modbus TCP, RS 232, 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



¥ Alarm log with e-mail capabilities

¥ Easy to Use Recipe Programmer

¥ Universal MODBUS Communications

¥ Configurable Event Management

¥ Digital Data Recorder

¥ Turn Simple PID Controls Into Programmable Controls

¥ Optional batch database for load tracking

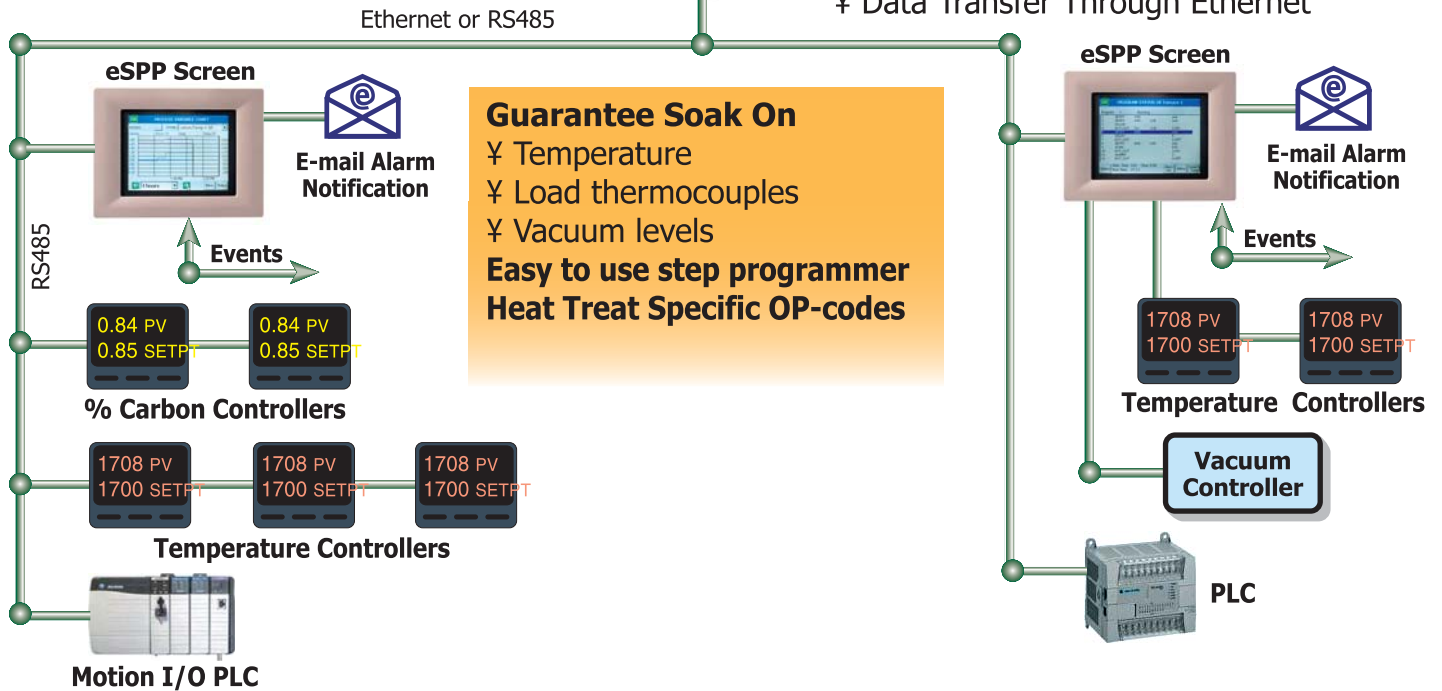
TAKE CONTROL WITH

Control Network



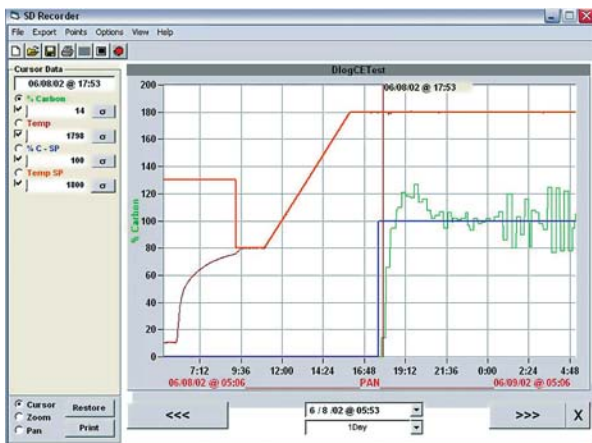
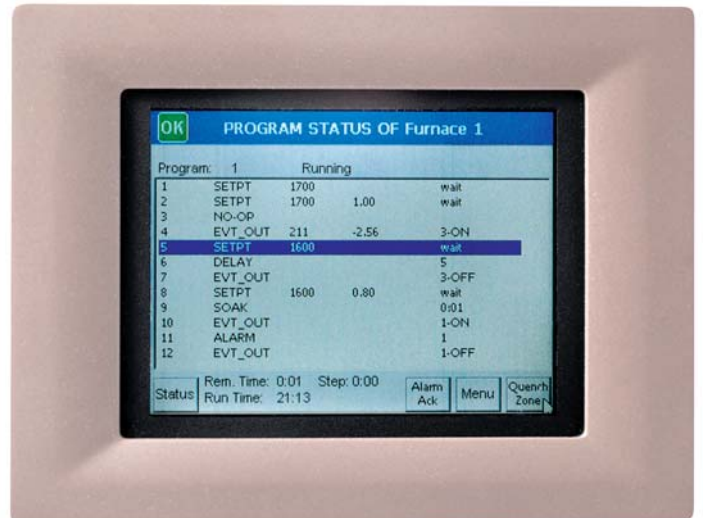
Configurator Software

- ¥ Remote Setup
- ¥ Recipe Management
- ¥ Backup & Restore Management
- ¥ Data Transfer Through Ethernet



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



Actual trend chart print-out showing temperature and atmosphere set points, process variables and hand written or typed notes.

Data retrieved through flash card or Data management software using Ethernet.



Non-volatile flash memory data storage

Super Systems Inc.

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