

# Series 9130

The 9130 is a programmable temperature controller addressing the need for data logging and recipe/timer thermal process applications.

## Single Loop Recipe controller with data logging

The versatile instrument is supplied with Ethernet and supports Modbus TCP host communications and can support up to 25 slave serial instruments via Modbus RS485. The 9130 comes with a web server for thin client control

- Touch Screen Interface
- Digital Data Logging to Flash Card - Built in Paperless Recording
- DIN Rail mount
- 8 Relay Contacts
- 24VDC (Power Supply Included)
- Analog Outputs - PV Retransmission
- Multiple PIDs
- Overshoot Suppression Logic
- Auto Tuning
- PID Switchpoints
- Three (3) RS485, Two (2) RS232, Ethernet
- 4-20mA Current Control Output
- Three (3) Isolated Analog Inputs

Non-volatile flash memory data storage



### 9130 Features

- Cascade Control
- Thermocouple Redundancy
- Bumpless Process Input Switching

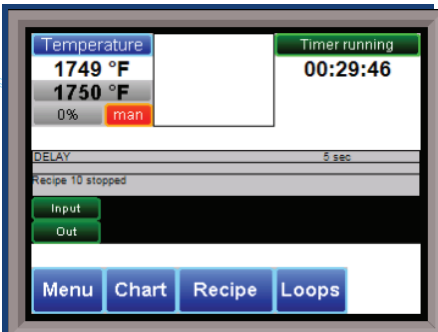
Super **Systems**  
incorporated



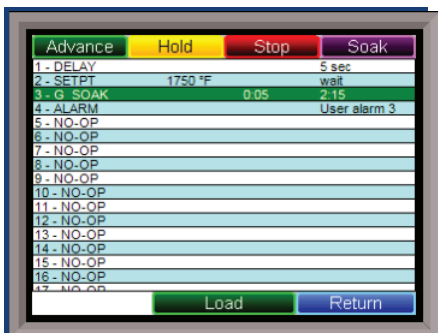
Available screen sizes:  
3.5", 5.7", 12.1"



Built in Chart Recorder with Notes



Timer Count-Down

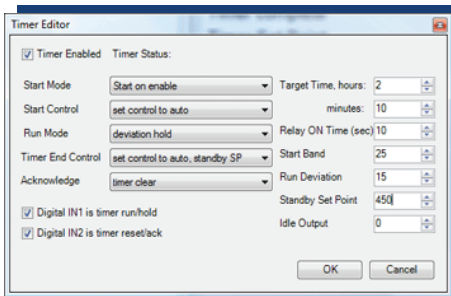
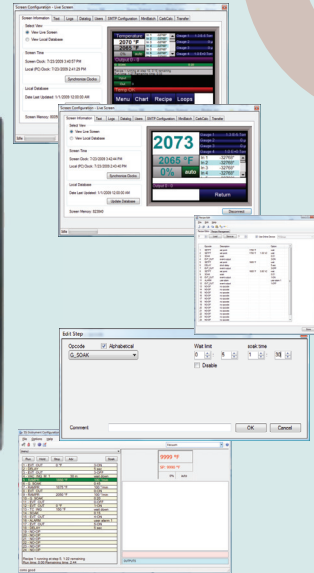


Recipe Screen

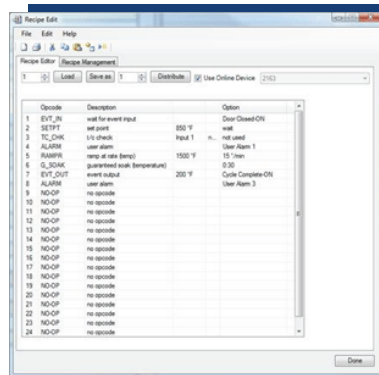
# Configuration Software and Data Management

## Software Included

- TS Manager - Data management for touch screen flashcard. Remote data viewer, historical data backup, SuperDATA integration.
- Configurator - Remote setup and configuration of controller.



Timer Options



## Recipe Management

- Configurable start modes
  - Deviation, Band, Operator
- Configurable control modes
  - Turn off output on completion
  - Auto to manual mode
  - Hold on deviation
  - Hold on band
- User configured acknowledgement
- Digital input control
  - Timer run/hold a
  - Timer reset/acknowledgement

## Recipe Management

- Opcodes include
  - Ramp rate
  - Guarantee soak on control and active load thermocouple
  - Delay time
  - Thermocouple temperature inquiry
  - Remote set point to slave instruments
  - Branch and jump to other programs
  - Limit control output
  - Change PID settings

## IDEAL FOR:

- Oven Furnaces
- Temper Furnaces
- Pit Furnaces



**SuperSystems**  
incorporated

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