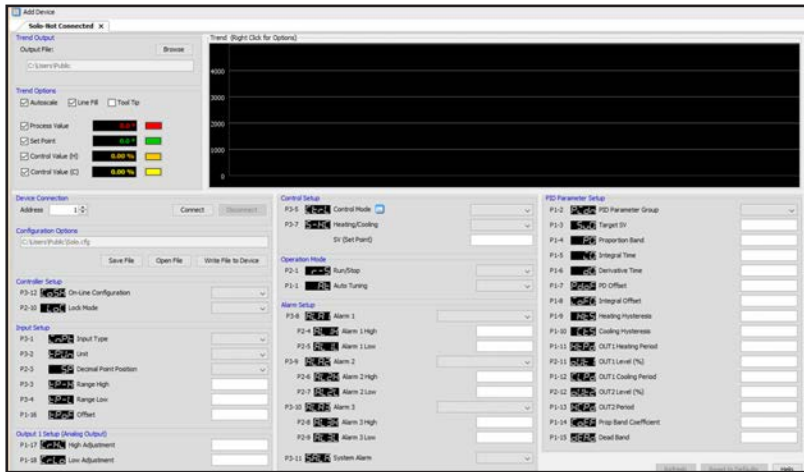


Simple Configuration and Control

FREE configuration and monitoring software

That's right, FREE! Configuration and monitoring software (SL-SOFT, Version 2.0 downloadable from our Web site) allows you to configure each controller with ease and gives you data analysis capabilities for up to 16 units simultaneously.



Process control setup made easy

All units support RS-485 serial communications (up to 38.4K bps), which allows you to use the free configuration software [SL-SOFT] to configure and monitor multiple SOLO controllers using Modbus RTU or Modbus ASCII protocols. For even simpler setup, the controller can be configured manually with the user-friendly keypad on each unit.

Collect and act on data

Using RS-485 communications, the SL-SOFT utility provides the ability to monitor and log historical data, using the built-in trending graph, from up to 16 devices and save it to a file.

FREE software that's easy-to-use and intuitive, with a GUI that makes setting up the SOLO series of temperature controllers a breeze.
 (Download at <http://support.automationdirect.com/downloads.html>)

Connect to other hardware

The RS-485 communications of the SOLO Temperature Controller can also provide connection to any HMI, PC or PLC supporting industry-standard Modbus RTU or Modbus ASCII protocol. This allows you to collect, monitor and have your application react to data being read from the SOLO controllers.

PLC Connection

Use a PLC to collect data from the controllers and then have your program trigger events based on the values



HMI Connection

Use an operator interface to collect data and monitor your process.



PC Connection

Use a PC to configure and monitor your SOLO controllers with SL-SOFT. Use the trending graph to monitor and log historical data.



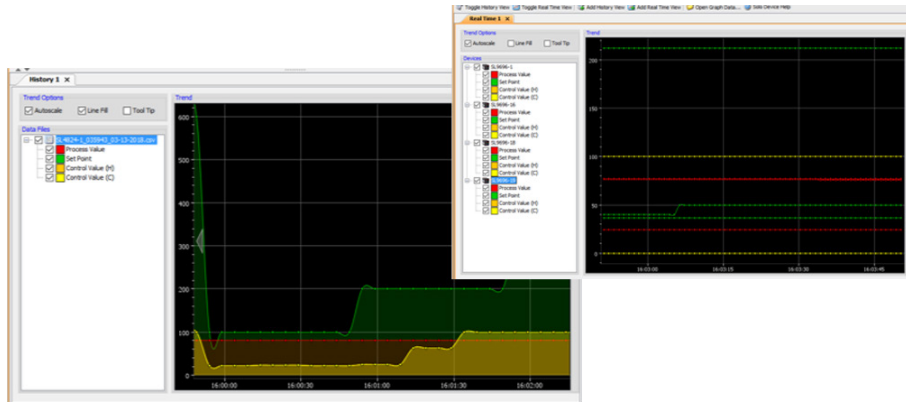
Dynamically View and Archive Process Data



Global graph

Capture historical temperature data to your PC for trending and more. SL-SOFT V2.0 allows display of trend graphs from live and saved data, so you can graph process values, set points, and control values (for both heating & cooling).

- Select active pens and pen colors for each trend
- The Autoscale feature fits the vertical scaling (y-axis) to the window.
- Tool Tips allow you to hover over a line on the graph and get details about that value.
- Display data from multiple devices on one chart, if desired.



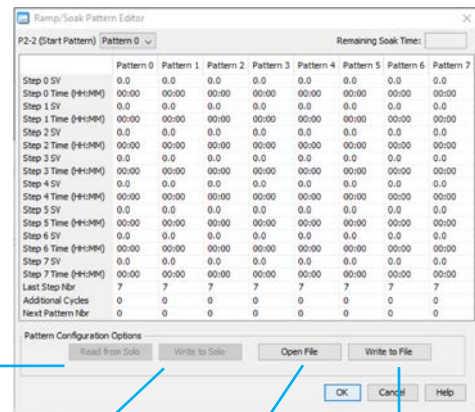
Save and load entire configurations

Use the SL-SOFT V2.0 to save your Solo configuration settings to disk. Then program a new controller with just a few clicks.

All the configuration parameters are available via the software interface and the faceplate of the Solo controller.

Create ramp/soak profiles

Ramp the effective setpoint towards the final target value at a predefined rate with ramp/soak profiles.



Read the pattern stored in the device

Send current pattern to the device

Open a previously created pattern

Write current pattern to a file to be stored offline

Faceplate view

Display the face plates of multiple connected controllers (up to 16). View the process and setpoint values, output status, alarm indication and more - in real time - right from your desk or other factory PC.

