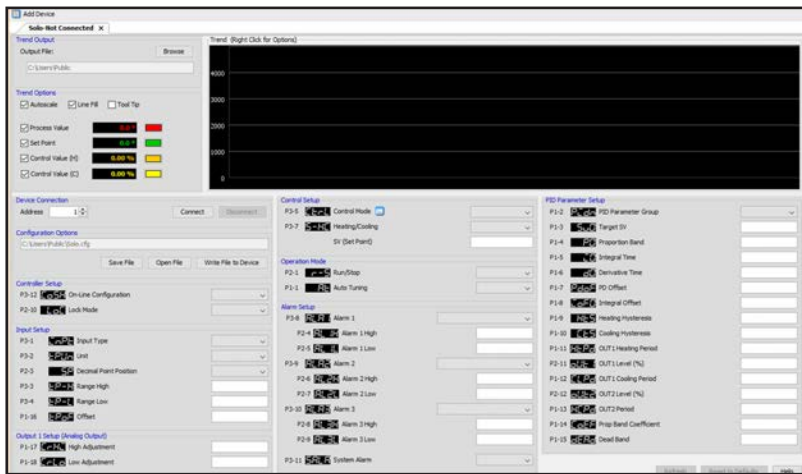


# Simple Configuration and Control

## 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.



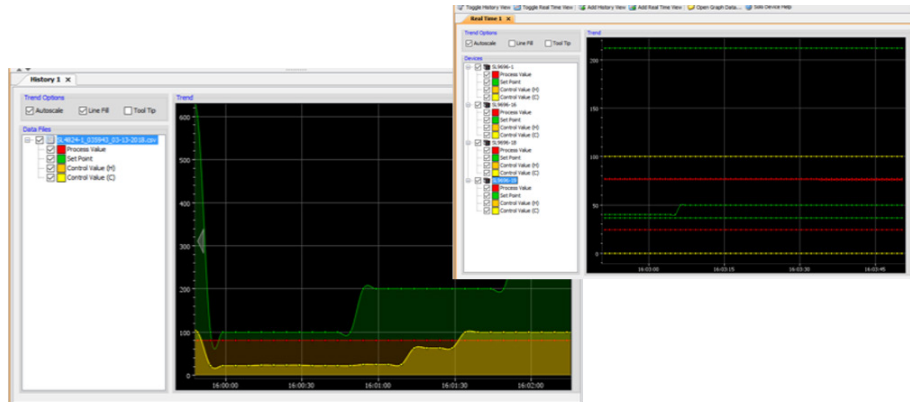
# Dynamically View and Archive Process Data



## 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.



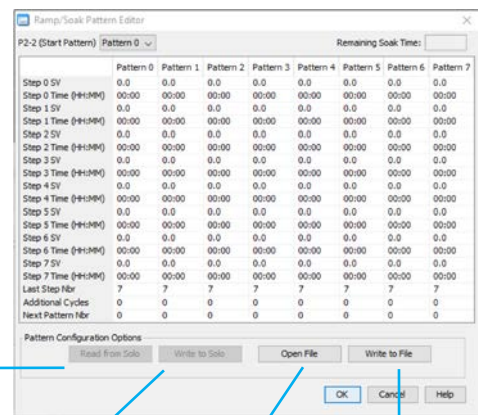
## Save and load entire configurations

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.

