WEST
Control Solutions

West Pro Series
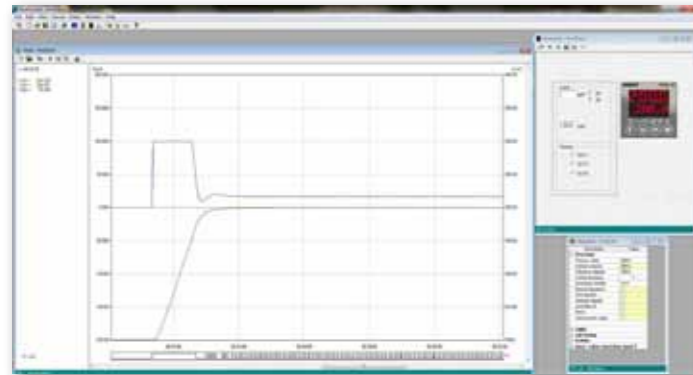## Fully featured controllers for demanding applications

Pro-16, Pro-8 and Pro-4

Meeting challenging application requirements through a high level of I/O, advanced control capability and offering the best-in-class configuration software, BlueControl©.

Constrained by your temperature controller?

The West Pro Series has been specifically designed for complex applications. A key benefit of the Pro series range is the many integrated features for unrivalled performance such as two PID sets to ensure reliable control over a wide setpoint range and separate PID for heat and cool strategies for optimized control and stability. All of the controllers offer up to 6 outputs which allow for maximum flexibilty within your application.

The West Pro controllers each provide **in-built profiler** functionality, enabling users to run programs to vary the temperature for each step of their process.

What would greater precision and stability mean for your temperature control process?

The West Pro Series offers a comprehensive range of temperature control functionality. In addition to common control types such as **On/Off**, **PID Heat only** (**2-point control**), the controllers also offer **Heat/Cool (3-point)** and **VMD** (**3-point stepping)** control.

Non linear cooling strategies are also available which is especially popular for oil, water and fan cooling applications. Furthermore the Pro-8 controller includes soft start and heater boost functionality.

Blueport interface

Both the Pro-8 and Pro-4 offer direct access to **programming information via a convenient front access port** whilst the Pro-16 offers this through a side connection. The Blueport interface provides **easy and fast PC access** to plug in and drilldown into process issues with minimal disruption.

Fed up with scrolling through long set-up menus?

Customize operation by configuring frequently used functions to be controlled by the F (function) key. This simplifies and speeds up the management of the controller. Pro-8 & Pro-4 also include an auto/manual control key.

Pro 16	Pro 8	Pro 4
• 1 universal input + 1 optional	• 1 universal input + 1 optional	• 2 universal inputs + 1 optional
• Up to 4 digital inputs	• Up to 3 digital inputs	• Up to 3 digital inputs
• Heater or remote setpoint current input	• Heater or remote setpoint current input	• Heater or remote setpoint current input
• Customer specific linearisation for sensors	• Customer specific linearisation for sensors	• Customer specific linearisation for sensors
• Transmitter power supply	• Transmitter power supply	• Transmitter power supply
• Up to 6 outputs > relay, logic, SSR, linear DC	• Up to 6 outputs > relay, logic, SSR, linear DC	• Up to 6 outputs > relay, logic, SSR, linear DC
16 segments x 16 profiles	10 segments	16 segments x 16 profiles
RS 485 communcations	RS 422/485 Modbus RTU interface MODBUS master configurable	Profibus DP and RS 422/485 Modbus RTU interface
1 x Line - 7 Segment LED 1 x Line - Text	2 x Line - 7 Segment LED	2 x Line - 7 Segment LED 1x Line - Text Day & Night Display

Designed For Challenging Applications

• Plastics, Extrusion & Rubber

• Industrial Ovens & Furnaces

• Chiller & Refrigeration Systems

• Heat Treatment

• Laboratory and Test Equipment

• Boiler & Steam Processes

• Food & Beverage

• Packaging

Fast parameter configuration

BlueControl® software enables parameters to be set up quickly and safely through use of plain texts, a clear menu structure and online help.

Clone other devices - ideal for OEMs

The software provides the ability to copy, edit and save settings **simplifies the set up process** for multiple controllers.
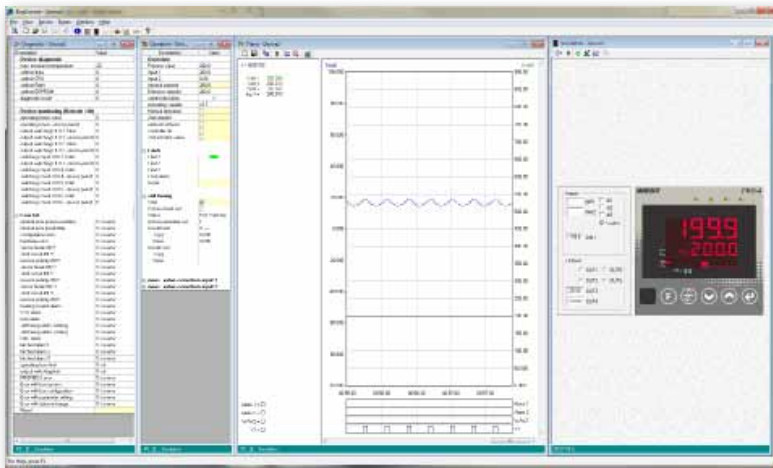
Simulator for process testing before going live

The software offers a **sophisticated simulator** allowing settings to be tested in a virtual environment before setting the process live. This valuable functionality allows **complete peace of mind** during the set up process.

Increase efficiency with remote management

Users are able to **monitor and adjust processes remotely**. This flexibility provides greater levels of process control as well as offering **better visibility** for improved management.

Familiar software environment for ease-of-use

BlueControl® uses established MS Windows operating standards as well as familiar operating elements and menu structures of MS Office programs, making it an **easy-to-use environment** that users quickly become familiar with.

Contact Us

For more details on the full product range from West Control Solutions please visit www.West-CS.co.uk.

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