**Advanced Temperature Control with the New Pro Series Range from West**

Customers looking for greater accuracy and temperature control capability will welcome the launch of the new Pro Series temperature controllers from West Control Solutions. The range has been specifically designed for demanding applications, such as industrial ovens and furnaces, plastics, rubber and extrusion.

Pro Series offers greater functionality than that found in traditional panel mounted temperature controllers. All three units in the range – the Pro-4, Pro-8 and Pro-16 – provide two PID sets rather than the one typically found on alternative controllers. This enables the user to tune for accurate control for a wide range of set points or various products with different thermal characteristics.

Flexibility was a key consideration in the range design therefore Pro Series boasts a high level of I/O. An unrivalled six outputs are offered, furthermore up to four digital inputs are available as well as an inbuilt profiler allowing users to better control processes with varied setpoints and stages. The compact Pro-16 comes in a 48mm x 48mm design, and is the only [temperature controller](http://www.west-cs.com/products/models/pro-16-single-loop-controller/) of its kind to meet the need of many applications for compactness and capability in a small, front-of-panel controller.

Pro Series continues the theme of ‘flexibility’ through its ability to customise a special key with frequently used functions, making them available at a keystroke thus avoiding lengthy programming and set up wizards. The result is complex [temperature control](http://www.west-cs.com/lp/the-new-west-pro-series-of-temperature-controllers/) capability that can be accessed easily by any member of the workforce.

The Pro Series is complemented with the best-in-class [configuration and simulation software](http://www.west-cs.com/lp/the-new-west-pro-series-of-temperature-controllers/), BlueControl©. This software enables fast configuration of parameters which is further benefitted by its cloning ability to copy, edit and save settings when setting up multiple controllers. Importantly BlueControl© allows for process testing in a simulated environment providing complete peace of mind for users prior to setting an application live.

Typical applications that will benefit from these features are; industrial ovens and furnaces, chiller and refrigeration systems and particularly plastics and rubber extrusion applications where processes such as non-linear cooling, heater current input and boost functions are commonly required.

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