

# 6600 1/16 DIN Controller with Heater Break Alarm

- Heater Break Alarms reduces scrap and improves quality. Detection of heater loss prior to production problems.
- Quick Transfer allows for ultra-easy setup of Heater Break Alarms.
- Plug and Play Technology allows field upgrades.
- Configuration directly from PC for fast and repeatable configurations.
- Two Auto-tune algorithms: Pre-tune plus Self-tune.
- Four Outputs available.



The 6600 is a 1/16 DIN controller that has been designed specifically to provide quality process control for the Plastics Extrusion Market.

This control features a special Heater Break Alarm Function which works similar to an amp meter, but alerts the operator to heater failures when they occur and prior to production problems. Quick Transfer is a one shot operation which automatically sets the alarm condition for the heater break and is based on the nominal current value. Quick Transfer allows for the automatic entry of setpoints for the heater break alarm. In addition, the Auto/Manual key can be configured for fast access to display amps or process temperature by a single key stroke.

Soft Start prevents premature heater failure due to high levels of moisture in heaters at start-up. Soft Start is included on this control, and is used to dry heaters out prior to production. Soft-start is used in injection molding hot runner and other cartridge heater applications.

The 6600 controller incorporates our advanced tuning algorithms, with selectable pre-tune and self-tuning. The pre-tune is used on start-up and is a one-step tuning algorithm designed to get you to setpoint fast with self-tuning being enabled near setpoint and normal operating conditions to control overshoot. The self-tune is a continuous tuning algorithm or sometimes referred to as *adaptive tuning*. This control can also be manual fine tuned for specific applications.

This controller loaded up can have 4 outputs, 1 sensor input, 1 current transformer input, and RS-485 Communication. Combining all these features makes the West 6600 one of the most powerful controllers in its class.

