GITC-15

Mold Control Systems, Inc. provides exceptional quality and reliability to the Plastics Industry with its ***Advanced Intelligence Series™*** line of hotrunner controller systems. With the GITC-15, we bring a feature rich temperature controller with a simple intuitive design at a low cost.

The GITC-15 frontpanel is designed to be rugged and informative with its dual digital display, keypad, and audible alarm. The dual digital seven segment LEDs, display Set-Point and Process temperatures simultaneously, error indication with audible alarm, and decimal point LEDs indicate degrees C, manual percentage output, current, voltage, and load.

The simple keypad with audible response provides easy access to current and voltage displays, mode selection, parameters, and set-point adjustment, and Power ON/OFF.

The advanced precision output control algorithm of the GITC-15 enhances heater life by minimizing electrical stress. Fuzzy logic phase and burst algorithm provides precise control accuracy of ±1°F or 0.5°C. Its auto self-tuning capabilities provide precise power control response to heaters of any size. In the event of a thermocouple break at set-point temperatures, the controller will initiate an automatic bumpless control without the need for operator intervention.

There is no computer needed to run the GITC-15. No worries about system failures and downtime due to mechanical drive failures, componant failure, or operating system errors. The GITC-15 is still a modular unit, so it retains the feature of easy removal and replacement. Systems do not have to be shut down to replace a zone, saving both downtime and servicing costs.

The MFCP line of mainframes feature an integrated fault siren, relay output, and stand-by input that does not occupy a zone slot. The use of the GITC-15 modules with the MFCP mainframes give expanded features including Global Functions (Parameters, Power-on, Start, Halt, and Modes), Even Temperature Rise, Thermocouple slaving, and Live-Swap Zone Retrievable Settings.