MICROCOM®
Temperature Controllers
- Optimized Hot Runner Control
ENGINEERED CONTROL
INCOE®’s next generation of MICROCOM® hot runner temperature control technology delivers a new level of processing control. The robust design of the MICROCOM® controller now utilizes INCOE®'s patented† voltage correction technology for continuous operation. Modular by design and with up to 48 zones, these controllers are specifically engineered for optimized hot runner performance.

†INCOE® patented Voltage Correction; maintains constant voltage output even when line voltage fluctuates. U.S.A. Patent 6,107,610. Other Patents Pending.

RELIABLE OPERATION
Each MICROCOM® controller incorporates reliable and user friendly features that allow for the efficient management of your molding process. Selection of two “Soft Start” routines, adjustable min / max temperature set point limits, pre set restart procedures and a user enabled lock feature ensure your process is controlled at all times.

OPTIMIZED PRODUCTIVITY
For uninterrupted productivity, the MICROCOM® patented voltage correction technology automatically maintains constant voltage output to the hot runner system; even when line voltages fluctuate. Load protection has been integrated into the new design in the event the Triac control is shorted. Both features eliminate system damage and lost productivity.

REPEATABLE PERFORMANCE
Proven control technology working hand-in-hand with our hot runner systems means you can count on consistent, controllable processing with each injection cycle to deliver:

* Temperature control accuracy +/-0.05°
* A wider processing window
* Superior part quality

For more information visit www.incoe.com/microcom

BUILT FOR EVERY APPLICATION
MICROCOM® control technology is engineered around decades of hot runner application experience ideal for automotive, appliance, medical, technical and closure part molding. Built with your productivity in mind, MICROCOM® delivers cost effective control performance supported by proven technical know-how.

Regardless of your application, you can count on INCOE®’s experienced team of specialists to assist you...Right From The Start.

ADVANCED CONTROL FEATURES

User selected controls include:
* 2 soft start routines set to 5 minutes or 212°F, whichever comes first
* Min / Max temperature set point limits are adjustable
* Controller lock out
* Controller start up or restart sequence when power is applied
* Set °F or °C
* Options for Type J or K thermocouples, grounded or ungrounded

Other control features include:
* Continuous auto-tuning
* Current readout
* Dual displays show set temp and actual
* Power indication displays wattage
* Heating indication output level
* Automatic Mode Operation
* Manual Mode Operation

ADVANCED SYSTEM PROTECTION FEATURES

* INCOE® patented Voltage Correction; maintains constant voltage output even when line voltage fluctuates
* Built in Load Protection if Triac module should be shorted out
* Heater Monitoring and Auto Alarm detects wattage changes in the heater circuit
* Anti-Arc feature prevents damage when removing or installing controller
* Thermocouple Break Protection automatically transfers to manual mode
* Reversed thermocouple protection

POWER

240 VAC single phase
50/60 Hz auto select
15 amps
3600 WATTS

* Indicates new or improved MICROCOM® feature

Proven control technology
for optimized hot runner performance