

Global Hot Runner Control Solutions



Gammaflux[®]

Partnering With Gammaflux -

Everybody Wins

We at Gammaflux are proud of our partnerships with industry-leading plastics companies worldwide.

Our theme of "Global Hot Runner Control Solutions" applies to every application we encounter. From the smallest medical plastic part to the largest automotive application, and on everything in-between, Gammaflux provides hot runner temperature control solutions to its customers.

When deciding on your next hot runner control system, consider this: Gammaflux controllers are operating on thousands of injection molding applications around the world - and every one of them is backed by the best customer service team in the business. Our customers realize impressive benefits from using our controllers, such as increased productivity due to fewer reject rates and faster cycle times. *Imagine what we can do for you!*



Gammaflux[®]

Please contact us today to discuss your application!

David Huntting, Gammaflux President (left); Pete Cullum, Vice President - Engineering (center); and Jeff Colman, Vice President - Secretary (right).



Medical

Medline Industries Increases Production 30% By Using Gammaflux Controllers



Part: Disposable Water Pitcher
Gammaflux Controller: 9000 Series

Problem: A competitor's controller set at a constant temperature would produce blushes (temperature too hot) and short shots (temperature too cold).

Solution: Gammaflux brought in Series 9000 hot runner temperature controller - the shorts and blushes were eliminated by controlling temperature better.

Quote: "This control system actually increased production 30%, because it allowed us to speed up our cycle. The controller starts up by delicately applying power to the tool, which prevents overheating and prolongs heater life."

- Vice President of
Manufacturing,
Dynacor Division,
Medline Industries



Custom/Captive Molders

Westplex Industries Corporation Uses 24-Volt Gammaflux GLC 2K Controllers For High Volume Molding



Westplex Industries Corp

Part: Battery components
Gammaflux Controller: GLC 2K (24-volt)



Problem: Westplex needed to produce 10,000,000 battery components per month and the parts were periodically stringing and sticking in the mold. The problem was traced to poor heat control of the 24 volt hot runner system.

Solution: Gammaflux brought in a 24 volt GLC 2K controller. The controller was installed, started and the tool ran perfectly.

Quote: "We have realized substantial production efficiencies and reduced rejects since we installed the Gammaflux controllers. These new GLC 2K units are extremely operator-friendly. We are looking at eventually replacing all of our hot runner controllers with Gammaflux."

- Engineering and Tool Room Manager, Westplex Industries Corporation, a member of The Foster Group of Companies



Packaging/ Closures

Customer Alliance In Action - Rexam Closures, Gammaflux Team Up To Improve Products

REXAM

The Challenge: To identify the most reliable hot runner control system on the market for high volume, high cavitation closure molds.

Quote: "In our opinion, they (Gammaflux) have the best system and the most technical expertise - their willingness to help our company solve its problems was especially important."

- Senior Product Manager,
Rexam Closures

Additional Benefits:

Frequent customer and supplier interaction has resulted in the creation of a plant wide wiring standard and the creation of several 9500 features suggested by Rexam controller operators.



Tool Builders

Tycos Tool Ensures Quality with Gammaflux Temperature Controllers

Part: Automotive Bumper Tools
Gammaflux Controller: Series 9500



Benefit: Gammaflux Mold Doctor and Gammaflux software analyzes mold performance, provides data used in Quality Assurance reports; heater/thermocouple performance and hot runner temperature profile documented before mold ships to customer.

Quote: "Gammaflux diagnostics work extremely well. These controllers have saved us lots of time and effort by preventing problems before they occur."

- *Electrician, Tycos Tool*

Additional: Tycos duplicates actual press conditions before shipment by wiring tool and heating it to operating temperatures: all tools tested on Gammaflux control system before shipment.



Automotive

Conix Belgium uses Gammaflux Controllers for Large Automotive Applications



Part: Automotive Bumper
Gammaflux Controller: Series 9600

Problem: A competitor's controller could not read the correct temperatures in the hot runner system (68-86 degrees F or 20-30 degrees C variation). The existing controller occupied too much floor space.

Solution: Gammaflux brought in a 9500 series controller and the temperature variation disappeared. Gammaflux designed the 9600, a 9500 that mounts in the machine control cabinet to save floor space.

Additional Benefit: Standard features on the 9600 made troubleshooting easier.

Quote: "The Gammaflux controller has the features you need to ensure trouble free processing..."

the Mold Doctor software provided all the data imaginable to document the mold's performance... from now on, we will use Gammaflux controllers to be on the sure side."

- Production Manager,
Conix-Belgium



Global Presence - Local Service



Gammaflux has locations around the globe, staffed with technical hot runner molding experts ready to work with you on your specific application. Call us today or visit our web site for more information!



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