

## Color Change, Optimized.



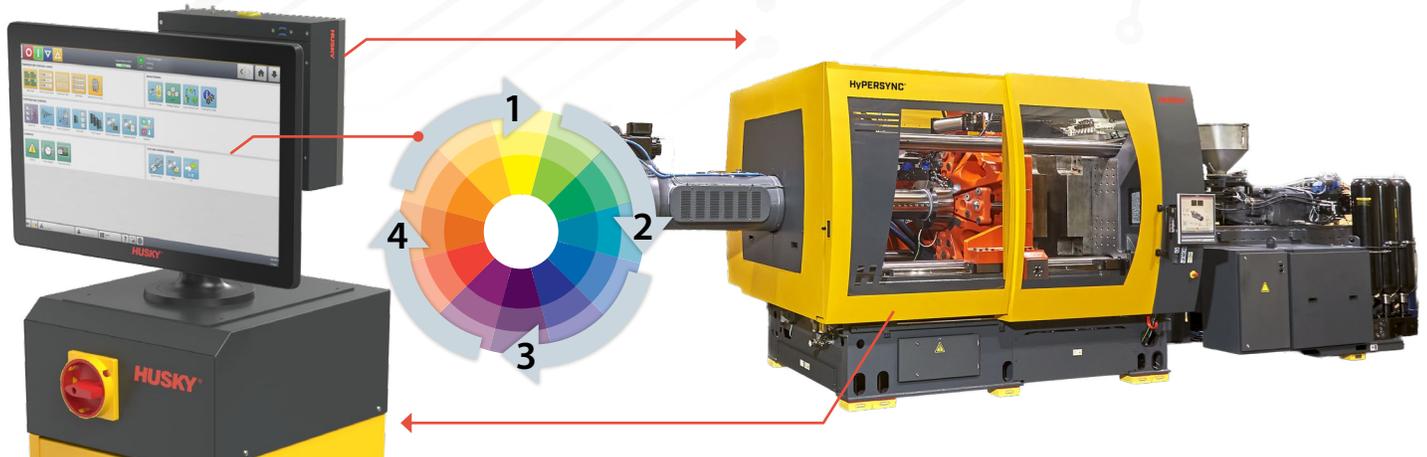
Take a system approach to your color change process and drastically improve scrap rates and mold cleaning efficiency.

Color changes are a critical part of many molding operations, and if the right purge compound and process are not used, it could end up costing significant time and money.

Chem-Trend and Husky Technologies™ collaborated on a system solution by combining the step-by-step process developed by Chem-Trend's thermoplastics technology team with Husky's New 6 Series Altanium® Controllers. Trial results showed up to an 85% reduction in scrap and an 80% increase in mold cleaning efficiency.

The Ultra Purge™ process is built into the New 6 Series Altanium® Controller's operator interface. This comprehensive guide provides the operator steps for setting up and performing the color change process explicitly for molds with hot runner systems. This guidance ensures that operators follow the optimal method for the fastest color changes with a minimal amount of material waste.

### A System Approach to Color Change:

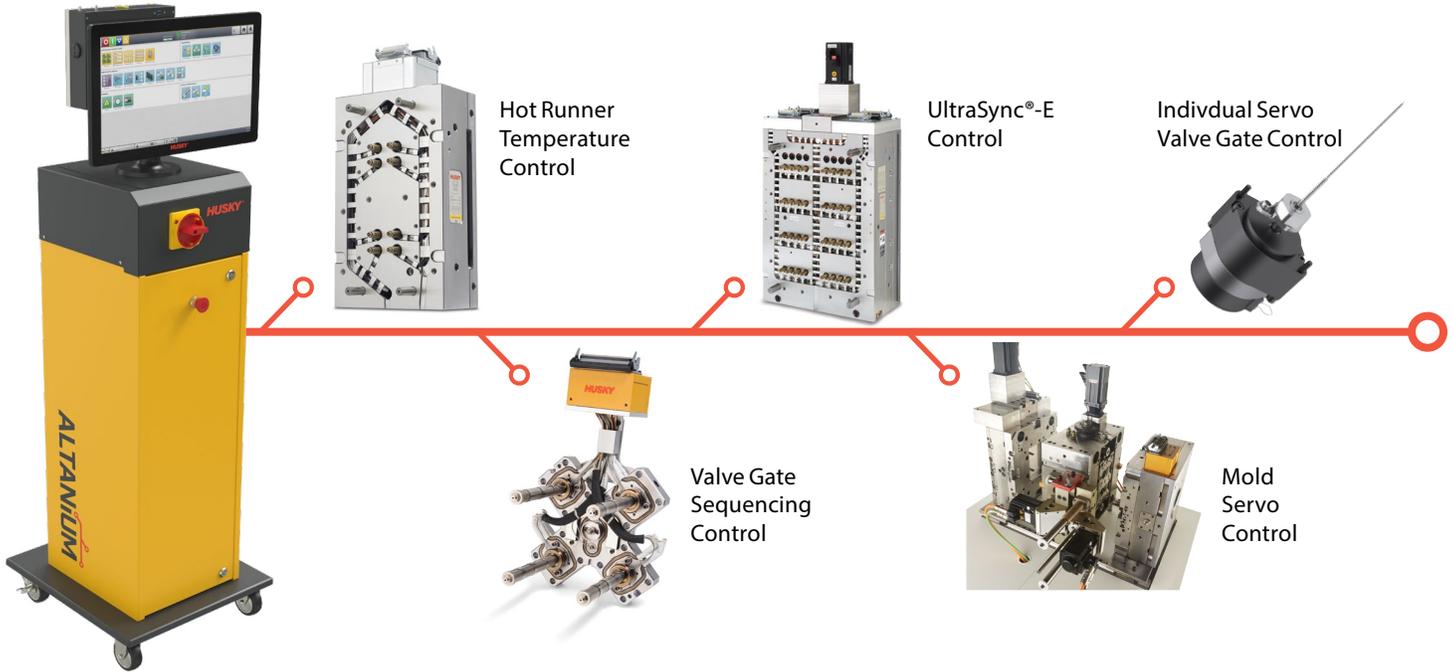


- Integrated Ultra Purge™ color change instructions include settings, such as Shot Weight, Conversion Ratio, and Ultra Purge™ Quantity, used by the New 6 Series Altanium® Controllers throughout the color change process
- A Purge Booster feature automatically adjusts the hot runner temperatures to ensure the fastest color change time is achieved
- An automated soak timer is used to enhance the performance of Ultra Purge™ by alerting the user of the optimal time to add new production resin to the hot runner system
- A digital Cycle Count input from the injection molding machine can be configured to further automate the color change process by signaling when the correct amount of Ultra Purge™ compound has been used before moving to the next step
- All Ultra Purge™ color change process settings are saved to a mold setup file for easy recall on the New 6 Series Altanium® Controllers based on the mold and color change process to be performed

Save valuable time and production costs by combining the technologies of Chem-Trend and Husky's New 6 Series Altanium® Controllers to make color changes fast, accurate, and optimized for all operators.

# A highly integrated control platform for all your hot runner and mold control needs.

New 6 Series Altanium® Controllers offer the industry's most integrated platform for single-point access to the highly accurate and straightforward operation of temperature, servo, and valve gate control. They also feature best in class diagnostic and fault recovery solutions and are available in various configurations for implementation in any injection molding environment.



## Altanium® Operator Interfaces:



### Altanium Neo6®

- 10" Color Touch Monitor
- 2-48 zones of hot runner control



### Altanium Delta6®

- 15.6" Color Touch Monitor
- 2-128 zones of hot runner control
- Optional valve gate control technologies



### Altanium Matrix6®

- 22" Color Touch Monitor
- 2-254 zones of hot runner control
- Optional valve gate & servo control technologies

## Most Comprehensive Warranty in the Industry

Husky offers an industry-leading 5-year warranty. Regardless of the configuration, this warranty includes comprehensive coverage of the mainframe, cards, and operator interface across the entire product line.

### Features:

- 2 to 254 zones of temperature control
- Interchangeable cards and interfaces across the entire product line
- Industry leading Active Reasoning Technology (ART 2.0)
- Automated mold diagnostics and fault recovery
- Password and user name enabled security
- Expandable platform that supports mold servo and valve gate control
- Multiple networking and data exchange options (Industry 4.0 ready)
- Multi-language support

### Husky Technologies™

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