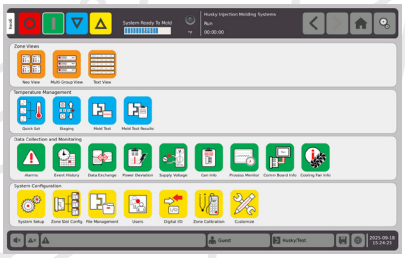
Altanium Neo6®

Powerful Control. Compact Design.

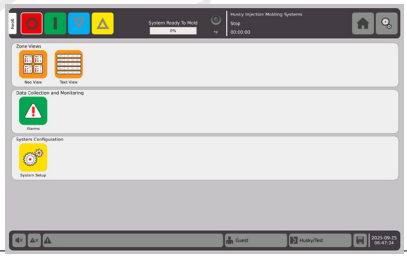
Altanium Neo6®, powered by Husky's fourth-generation E-Series control card, delivers precision hot runner temperature control in a simple, space-saving design.

The Altanium Neo6® Compact combines ART 2.0 control technology with a streamlined interface, making it ideal for low- to medium-cavity molds where accuracy, reliability, and ease of use are essential. Basic and Advanced Operation modes adapt the system to each operator's needs, ensuring only the right level of functionality is in use—reducing complexity while maintaining full capability. Its compact footprint saves valuable floor space, while the intuitive interface shortens the learning curve, lowers training costs, and builds operator confidence. By integrating Neo5® into your molding process, you gain consistent, high-quality results with one of the industry's most efficient and accessible hot runner control solutions.

Neo6® Home Screen — Advanced Mode



Neo6® Home Screen — Basic Mode



Configurations		Bay	Height (H)	Width (W)	Depth (D)
Table Top Configuration		1 Bay	594mm/23″ (To the Middle of the Screen)	357mm/14″	400mm/16″
With Mobile Stand		1 Bay	1090mm/43″	425mm/17″	598mm/24″

Features

Control for up to 48 zones	Configurable for up to 48 zones, the controller can be applied to different molds.
Customizable Basic and Advanced modes	Fully configurable Basic and Advanced modes that can be assigned to individual operators, so they are only using features and functions that are necessary to perform their job.
Process monitoring and data collection	Monitor all zone data and automatically write process variables as individual CSV files to a network file share based on a user definable frequency for a permanent record of the control process.
Small footprint	The compact design uses a minimal amount of area, freeing up valuable space in and around the molding cell.
Digital interface with IMM	Closed-loop digital interlocks with the IMM protect the molding process by reducing the need for operator-dependent actions, mitigating the risk of mold damage and resin degradation.
Multi-language support	Instant access to 11 languages so that the controller is easily adopted by operators regardless of the region it is operating in.
Powerful diagnostic tools	Automatically test all heaters, sensors and wiring in the mold to quickly identify issues or validate molds before running production.
Role based security profiles	Requires a user name and password to log into and use the system. User permissions can be assigned by a specific role to better control who can change process critical process parameters.
Mold setup storage and recall	Save zone settings by mold name and recall them with the touch of a button, ensuring the associated mold is always using the correct processing parameters.
Over Voltage Alarm	Detects if there is an overvoltage condition on startup and stops the controller from running, preventing catastrophic damage to the cards.

Option

Mobile Stand	Includes a stand with casters and integrated cable storage compartment
Remote Display	Includes 7.6m/25ft field cables for mounting a freestanding configuration of the touch monitor and computer in a remote location
Remote Touch Monitor	Includes 10m/33ft field cables for mounting only the integrated touch monitor in a remote location
Digital I/O	Includes 4 inputs and 4 outputs with two 7.6m/25ft field cables (Flying leads on field end)

Technical Specifications

Operator Interface	Integrated Neo6® 10.1" HD Color Touch Monitor
Configurations	1 Bay for up to 6 control cards and 2 bays for up to 12 control cards
Supported card types	EL-Series (4z @ 16A, 2z @ 30A), E-Series (4z @ 16A, 2z @ 30A)
Supply voltage	1-PH + Earth (3 wire) 200-240 VAC 3-PH + Earth (4 wire) 200-240 VAC 3-PH + N + Earth (5 wire) 380-415 VAC Other voltages require an input supply transformer
Heater Outputs	All zones rated at nominally 240 VAC (other voltages optional), 16 Amps per zone standard (30 Amps optional), Short circuit protection for each zone (both legs fused)
Alarms	Open Circuit Heater; Output Fuse State; High and Low Temperature; Shorted for Reversed Thermocouple; Ground Fault, Over Voltage

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