

H-MED AE (All-Electric) System

Energy efficient precision molding of plastic medical components



Husky's H-MED AE offers a complete system solution.

Benefits

- High precision, energy efficient platform for cleanroom medical molding
- Integrated system ensures complete melt stream control
- Applies Husky's broad application knowledge as one of the largest hot runner and controller suppliers to the medical market
- Backed by Husky's extensive global service and support network

Husky H-MED AE™ (all-electric) systems offer a complete medical solution that is efficient, precise and reliable. H-MED AE provides the lowest risk solution to medical molders by offering the highest quality system with wide operating windows and high part repeatability. Managing all components of the system to provide high quality parts with maximized productivity is a core strength of Husky.

Complete integrated system

H-MED AE is a core component of a complete integrated system optimized for the specific needs of medical molding, ensuring high quality melt stream management from pellet to part. Husky takes responsibility for the entire system,

enabling the enhanced process stability, improved repeatability and superior control that are required for the most challenging medical parts. This solution includes:

- UltraSync™ technology—synchronized plate actuated valve gate hot runners provide repeatable shot-to-shot and part-to-part consistency, helping to remove variability from the molding process
- UltraSync hot runners are servo driven to allow for full electrification of the mold cell
- Altanium® controllers—integrated controllers designed to provide the most accurate temperature control
- Shotscope® NX—advanced process and production management software

HUSKY®

Keeping our customers in the lead

Depth of experience

Building on a broad application knowledge in medical hot runners and controllers, Husky's H-MED AE system provides the process control, cleanliness and repeatability required for medical applications. Additional support includes flow simulation, as well as consultation and resin testing of difficult-to-mold engineering resins. This comprehensive approach helps to ensure that zero defects enter the supply chain.

Suite of after-sales services

Husky offers a complete range of after-sales services to ensure H-MED AE systems continue running at peak efficiency. This includes the industry's most extensive global service and support network, advanced process and productivity management software, Pro-Act™ service contracts and complete asset management programs.

H-MED AE

Technical details:

- Available in seven sizes, ranging from 80 to 350 tonnes
- Wide selection of injection units and screws to meet most medical and pharmaceutical packaging requirements
- V-clamping toggle and high speed ejection for fast cycle times and servo motors for energy efficiency and mold protection



Altanium controllers are matched to the mold and hot runner.

- Optimized mold and auxiliaries as part of a complete system
- Advanced Metering System Technology provides optimal shot-to-shot repeatability
- Polaris™ Controls offer the most user friendly controls in the industry with integrated SPC/SQC and 24 hour remote diagnostics support
- Class 7 and 8 cleanroom compatibility

Contact Husky today for more information on the H-MED AE system.

Husky Injection Molding Systems
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