Hot Runner Technology

...World Class Systems
A History of Innovation...

Founded in 1958, INCOE® Corporation is a pioneer in the plastics industry starting with our original patented design of the first commercial hot runner nozzle. Investments into R&D and the development of new, productivity built hot runner systems and controls, continues to ensure our customers’ ability to stay competitive.

From single nozzle to hi-cavitation molding applications of engineered and commodity resins, INCOE® systems out perform in reliability, productivity and ease of maintenance.

That’s INCOE® Hot Runner Performance.
When it comes to providing customers with leading edge responsive service, INCOE® products are manufactured in North America, Europe, Asia and South America. Highly trained technical representatives are located worldwide in over 45 countries to support each application.

Wherever you are, whatever your molding application, you can rely on INCOE®’s staff and expertise to support each project from start to finish with:

- Market Specific Application and Engineering Expertise
- Multi Language Product Guides, Manuals and Product Information
- Multi Language Website with Online RFQ and Information Downloads
- System Integration and Localized Service
- Spare Part Availability
- 24/7 Technical Support and Service
INCOE® hot runner systems and controls are designed for precise melt delivery, reliable performance and cost effectiveness in the most demanding applications. Direct-Flo™ Gold systems, are optimized for molding applications using engineered or commodity resins and feature Unitized, Leak-Proof technology.

For added performance value and exclusive to INCOE®, DF Gold systems are available with Opti-Flo® rheologically balanced manifolds, featuring the patented MeltFlipper® design from Beaumont Technologies.
Regardless of the type of melt delivery system your application requires, INCOE® has the right solution for you offering the following technologies:

- Direct-Flo™ Gold for Technical Molding - shot ranges up to 9000g
- Opti-Flo® rheologically balanced manifolds featuring Beaumont Technologies MeltFlipper® technology
- Micro Series - shot ranges up to 20g
- MeltFlipper® Cold Runner systems from Beaumont Technologies
- SoftGate® Valve Pin Velocity Control
- 6 Standard Nozzle Categories
- Over 25 Thermal, Open, Sprue, Valve and Edge Gate options
- Twin Heater reliability
- Multi-Zone Heaters for long nozzles
- Unitized Leak-Proof Systems
- Multi Material and Multi Component Systems
- Modular, Custom and Laminate (multi level) Manifolds
- Temperature, Sequential and Valve Gate Controls
- Complete Hot Half Systems
- Single Nozzle Systems
- Valve Gate Systems
- SPM Melt Filtration Nozzles
- XRN Injection Molding Machine Nozzles

www.incoe.com
Market Specific Application Expertise for Your Products

Solutions for both engineered and commodity resins are supported by decades of application and installed system experience. Hot runner know-how to meet each customer’s business needs is available for any part size category in markets such as:

- Automotive
- Appliances
- Caps / Closures
- Electronics
- Housewares
- Medical Device
- Medical Disposables
- Packaging
- Pharmaceuticals
- Technical
Request For Quotation Online

Specifically designed to help expedite system specification and quotations, the multi-language RFQ form is easy to use and includes security features for safe transfer of files. Information can be entered or selected on the form, and customers are able to upload drawing files directly to INCOE®. By visiting www.incoe.com, the RFQ form can be accessed through the “Products” and “Contact” sections.
Research and Product Development

INCOE®'s Research and Development Center is at the heart of developing leading edge hot runner systems for our customers. Developing new technologies is a collaboration of both internal expertise, and external strategic partnerships.

Our commitment to the testing and proving out of theories in practical applications is critical to providing leading edge, “productivity built” systems manufactured to ISO standards.
Service and Technical Support
Since 1958, INCOE® has utilized its extensive experience to ensure excellence in customer satisfaction and timely support. Proactive teams of technicians follow systems from each facility to installation, and then onto molding production.

The result is unmatched customer assistance from concept to profitable implementation. We look forward to applying our experience toward your continuous success.

Online Resource
INCOE® provides access to a complete array of multi language PDF and CAD files for download as you require. From product brochures and advertisements, to product guides and support manuals, accessing information is quick and easy, visit www.incoe.com to download files.
Training and Education

With over 50 years of hot runner knowledge to share, training is an integral part of INCOE®’s commitment to excellence and partnership with customers. Through ongoing training and education, our people and our customers remain at the forefront of innovation.

Use of this specialized knowledge translates into the best possible molding solution, optimized for each application. That’s INCOE® Hot Runner Performance.