

SIMPLIFIED DESIGN...IMPROVED PERFORMANCE

Our Edge Gate Systems are designed to provide superior part geometry and thermal control. The removable split mold insert design simplifies mold integration while variable nozzle lengths – from 80mm to 120mm – provide complete design flexibility. The new design provides exceptional thermal control and sustainable part geometry in applications requiring a side entry gate location. Medical vials, syringes and pipettes are a few examples of applications that would benefit from INCOE Edge Gate Performance.

The dual heater design ensures processing reliability and is integrated into the nozzle body and gating area. The heater is profiled to allow for heat where needed and thermocouple location has been placed precisely near the gate for optimized thermal control. The TIR results demonstrate the improved part geometry realized when using the new design.

NOZZLE CONFIGURATIONS

- EG-5-2 up to 2 tips per nozzle
- EG-5-4 up to 4 tips per nozzle
- EG-5-8 up to 8 tips per nozzle

NOZZLE LENGTHS

- Any dimension between 80mm and 120mm can be specified

RUNNER DIMENSIONS

- 5-6 Standard Diameter

NOZZLE HEATING CONTROL AND PERFORMANCE FEATURES

- Profiled heater embedded into the nozzle body and gate head provide precise thermal distribution
- Dual Heater reliability standard
- Thermocouple located in gating area for precise reading
- Quick Disconnect (QD) Wiring Assembly
- QD allows for removal of the split mold insert sleeves and nozzle body without disassembly of the hot half
- Thermal Tips are coated for added protection and durability

ADDED PERFORMANCE OPTIONS

- Opti-Flo® Balanced Manifold Systems are available with Edge Gate System designs



To learn more about INCOE's **Edge Gate®** technology and other INCOE products, visit www.incoe.com.