

THE CLEAR CHOICE FOR LENSES

The ideal hot runner system for consistent, high quality production of automotive lens components that demand exceptional clarity. Engineered to perform with today's challenging resins it is compatible with corrosive resins such as PC, PC-ABS & PMMA. Dura+ remains the clearest choice for automotive lens molding applications.

KEY FEATURES

DURA+ NOZZLES

- Enhanced thermal profile.
- Maintains molded part quality and strength.
- Helps prevent resin burns.
- Excellent process repeatability.
- Pressure drop reduction by up to 27%.

STAINLESS STEEL CONSTRUCTION

- Unmatched corrosion resistance.
- Helps prevent contamination defects.
- Extends service life.

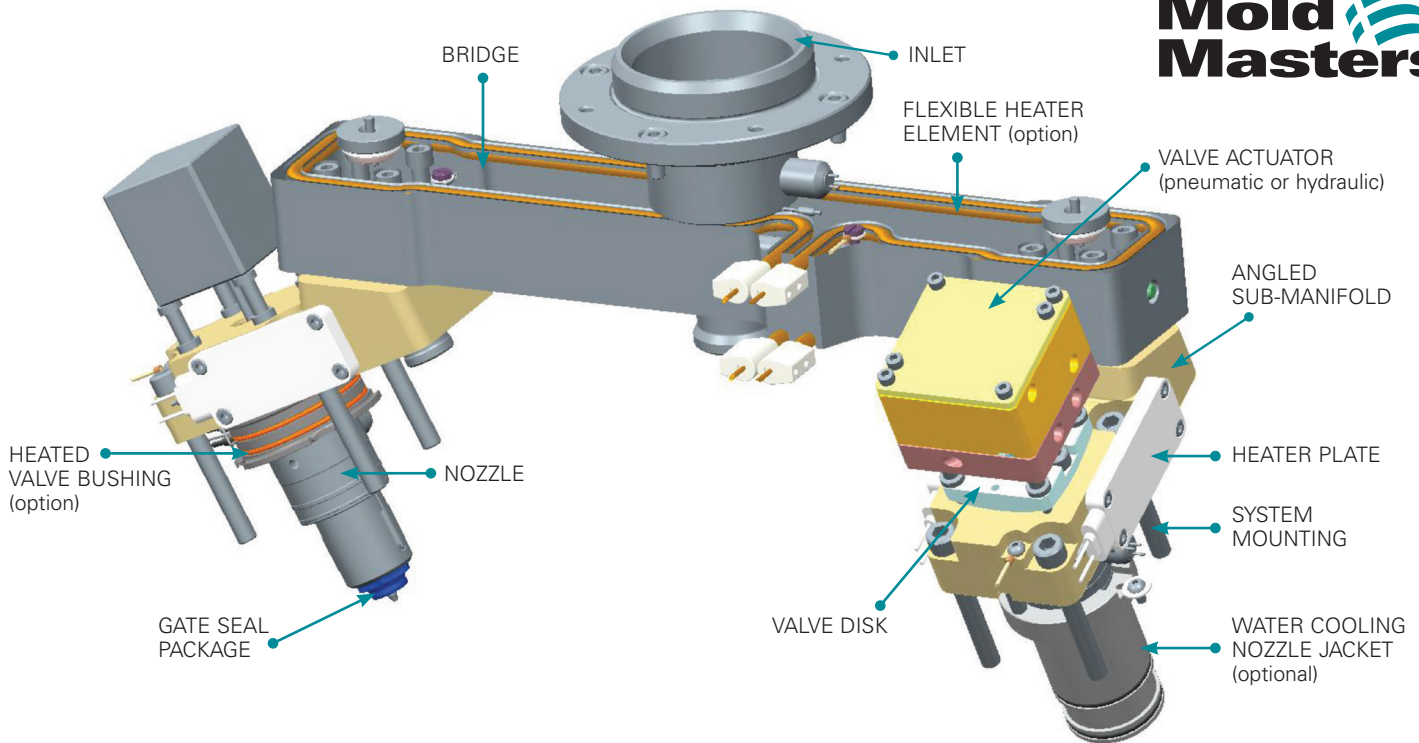
HIGHLY POLISHED RUNNER FINISH

- Specifically suited for automotive lighting resins.
- Optimizes resin flow.
- Prevents imperfections and ensures highest part quality.

FIELD REPLACEABLE COMPONENTS

- Focused on minimizing downtime.
- Nozzle sleeve heaters (F Style).
- Manifold flexible tubular heaters.
- Manifold heater plates.





SPECIFICATIONS

NOZZLE RANGE		DECI	HECTO	MEGA
Shot size (per gate)		50 g - 500 g	500 g - 3,500 g	3500 g+
Runner Ø (mm)	Non-valved	8	12	18
	Valved	12	16	22
Valve pin Ø (mm)		4/5	5/8	6.3/8/9.5
Length range (mm)		28 - 208 (20 mm incr.)	40 - 700 (25 mm incr.)	62 - 1,000 (25 mm incr.)

Available**



**Please speak to a Mold-Masters representative for complete warranty details. Some conditions and/or limitations apply. Subject to change without notice.

AVAILABLE GATING STYLES

VALVE GATING OPTIONS

- Bi-Metallic Ball Nose
- Hot Valve (+Extended)
- Bi-Metallic C-Valve (+Extended)

THERMAL GATING OPTIONS

- Hot Sprue
- F-Type Torpedo (+Extended)

SYSTEM OPTIONS

Pre-Wiring and Plumbing

- Wire Armor
- Electrical Boxes
- Mounting Plate
- Plumbing Interface
- Valve Solenoid Mounting
- Quick Disconnects

Replaceable Band Heater Nozzles

Water Cooled Nozzle Jacket



TempMaster™ M1⁺

series

For peak performance and superior results, Mold-Masters recommends using TempMaster M1plus controllers with all Dura+ systems. Unlock your operations full potential with TempMaster.