

CLIMBING TO NEW PERFORMANCE HEIGHTS

The industry's latest advancement in hot runner technology delivering peak performance and ultimate precision. Ideal for molding with today's challenging abrasive, corrosive, shear and temperature sensitive resins like PC, POM & PBT. Summit is critical for demanding Medical, Personal, Care and Technical molding applications.

KEY FEATURES

SUMMIT-SERIES NOZZLES

- Superior thermal profile (5% Max Variation*).
- Ideal for molding shear and temperature sensitive resins.

FULL STAINLESS STEEL CONSTRUCTION

- Improves durability with corrosive and abrasive resins.
- Helps prevent contamination defects from premature wear.
- Extends service life.

BRAZED HEATER TECHNOLOGY

- Full heater contact optimizes heat transfer.
- Superior system thermal balance.
- Exceptional reliability minimizes downtime.
- Eliminate spare heater costs.

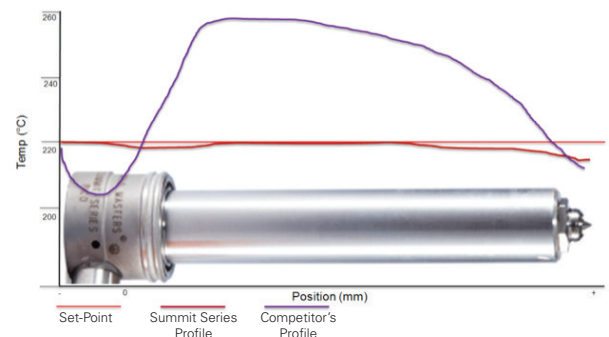
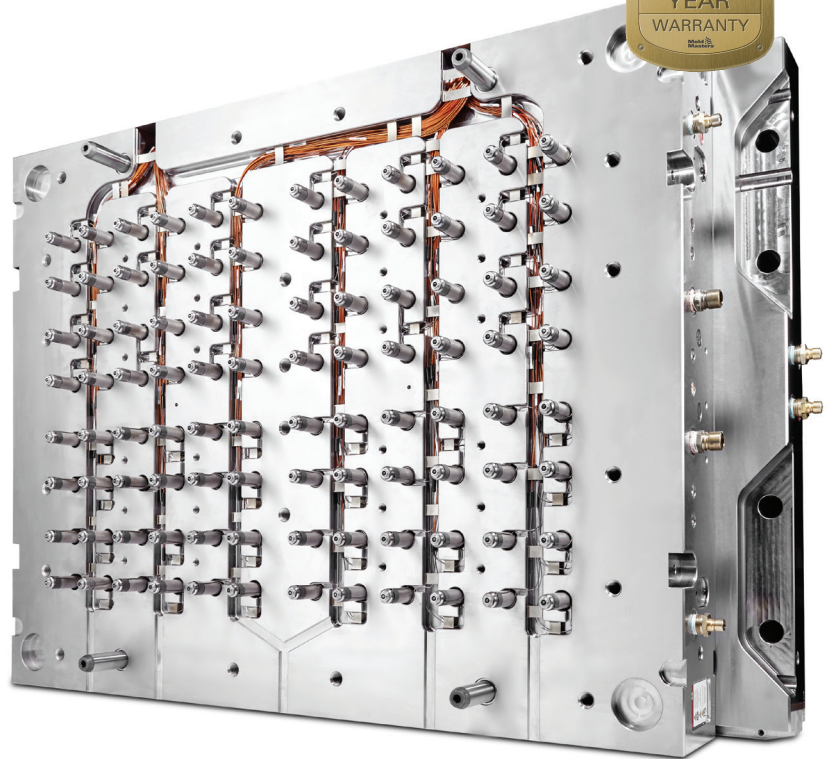
iFLOW MANIFOLD TECHNOLOGY

- Best in-class melt management.
- Industry leading mold balance.
- Rapid color change performance.
- Extensive flexibility for design optimization.
- Patented melt flow geometry, flow path options and runner shapes.

ECODISK CERAMIC PADS

- Provides greater thermal stability.
- Reduces energy consumption by up to 29% (vs. steel pads).

Available**

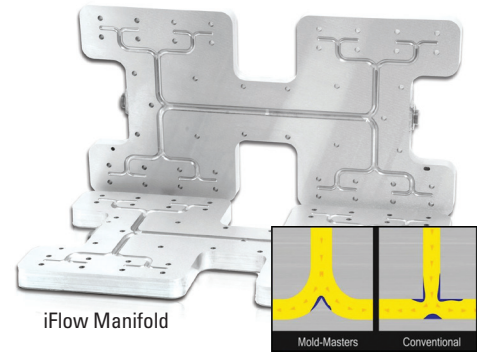


*Based on internal bench test results. Actual results may vary.

SPECIFICATIONS

NOZZLE RANGE		FEMTO	PICO	CENTI
Shot size* (g)		5 – 10	10 – 20	15 – 50
Runner Ø	Non-Valved (mm)	5	5	6
	Valved (mm)	6	7	8
Min Pitch†	Non-Valved (mm)	22	28	31
	Valved (mm)	26	28	31
Bore Cut-Out Ø (mm)		16	22	26
Total Length Range (mm)		40 – 205	31 – 221	25 – 224

*Application dependant. †Standard designs. Tighter pitches may be possible.
Please consult MM regarding your application.



AVAILABLE GATING STYLES

NON-VALVED



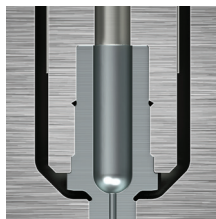
E-Type Torpedo
(+Extended)



F-Type Torpedo
(+Extended)

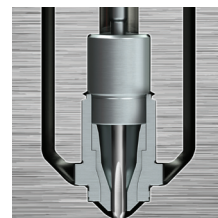


Bi-M C-Sprue



Hot Sprue (+Extended)

VALVED



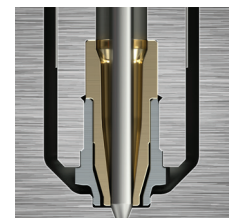
Accu-Valve MX



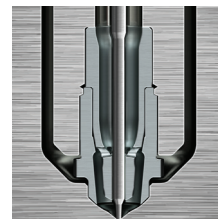
Accu-Valve GX



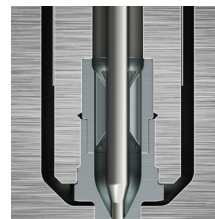
Cyl. Hot Valve - CP



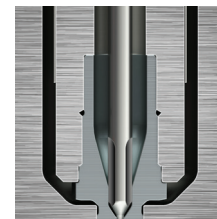
Bi-M C-Valve



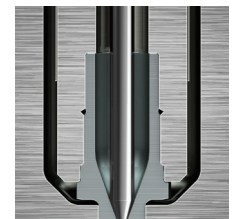
Accu-Valve CX



Cyl. Hot Valve



Cyl. Hot Valve - LX



Hot Valve

ADVANCED MOLDING CAPABILITIES

- High cavitation
- Tight pitch
- Inside gating
- Stack molds
- Multi-material



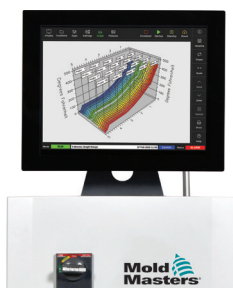
ACTUATION OPTIONS

STANDARD

- Hydraulic Cylinder
- Pneumatic Cylinder

ADVANCED

- **SeVG+** (Servo electric Valve Gate)
- **Synchro Plate** (Electric/HY/PN)
- **SVG** (Sequential Valve Gate – HY/PN)



TempMasterTM series

To ensure your mold operates at peak performance and delivers ultimate process control, Mold-Masters recommends using TempMaster controllers with all Summit-Series Hot Runner systems. Unlock your operations full potential with TempMaster.