

ACHIEVE THE HIGHEST QUALITY GATES, RELIABLY, FOR MILLIONS OF CYCLES

Precision cylindrical gate component alignment that significantly minimizes wear that leads to gate quality deterioration. Avoid the costly maintenance and downtime associated with traditional valve gate designs. Compatible with both commodity and engineering grade resins, Accu-Valve meets the demanding needs of many medical, packaging and personal care applications.

KEY FEATURES

PRECISION ALIGNMENT

- Highest quality gate results.
- Minimizes maintenance requirements.
- Significantly lowers operating costs.
- 1 year (3 million cycle) warranty available*.

CONTINUOUS 360 DEGREE VALVE PIN GUIDANCE

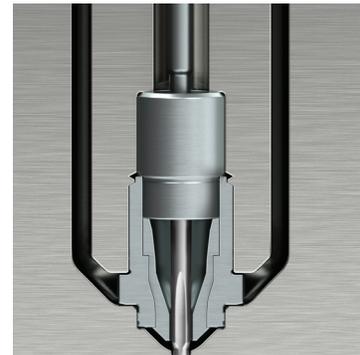
- Does not require direct reliance on cavity steel for pin alignment.
- Significantly minimizes wear of the gate and valve pin.
- Maintains critical high tolerance dimensions and concentricity.
- Enhances reliability.
- Extends service life.

ENHANCED THERMAL PROFILE

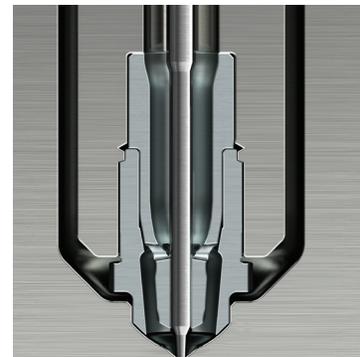
- Uninterrupted heat transfer to the valve pin.
- Helps to enhance gate cosmetics.

WIDEST SELECTION

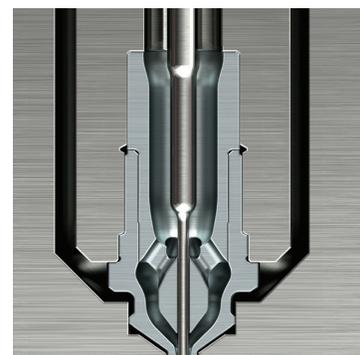
- 3 models to choose from.
- Optimized designs based on the application.
- Capable of rapid cycle times.



ACCU-VALVE MX



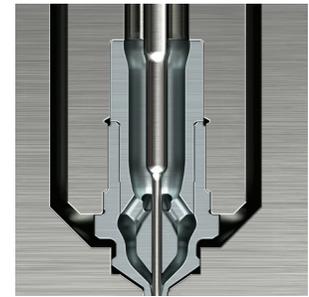
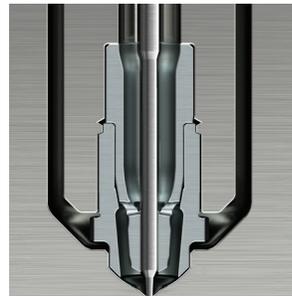
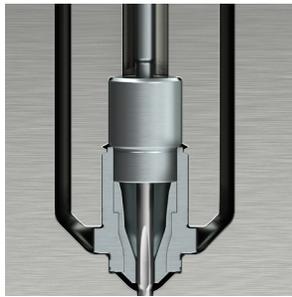
ACCU-VALVE CX



NEW ACCU-VALVE GX



MODEL OVERVIEW



ACCU-VALVE	MX	CX	GX
Benefit	Enhanced Fill Balance	Fast Color Change	Simplified Maintenance (Ø3mm OD)
Resin Grades	Commodity & Engineering Grade	Commodity	Commodity & Polyolefin
Resin Examples	PP, ABS, PC, POM	PP, PS, TPE, ABS	PP, PE, TPE

SPECIFICATIONS

		FEMTO-LITE	FEMTO	PICO	CENTI	DECI
Shot Size (g)		<1-5	5-10	10-20	15-50	50-500
Gate Ø (max)	CX	1.4 mm	1.4 mm	1.8 mm	2.5 mm	4.0 mm
	MX	1.0 mm	1.0 mm	2.2 mm	2.2 mm	3.4 mm
	GX	-	1.0 mm	1.0 mm	1.0 mm	-

Available on:



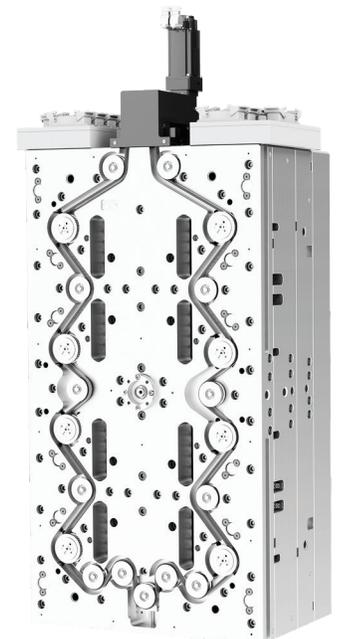
E-Drive™

SERVO DRIVEN SYNCHRO PLATE VALVE PIN ACTUATION CONTROL

Combine Accu-Valve with E-Drive to extend gate quality life and maintenance intervals even further. Enjoy higher production quality and additional production savings.

E-DRIVE OFFERS:

- Fully adjustable pin motion and speed profiles.
- Minimizes impact forces on pins and gates.
- Extends service intervals.
- Simultaneous valve pin motion control of up to 144 cavities.
- Eliminates actuation variability.



TempMaster™ series

To ensure your hot runner system operates at peak performance and delivers ultimate process control, Mold-Masters recommends using TempMaster controllers with all Mold-Masters hot runner systems. Unlock your operations full potential with TempMaster.