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.
• Extended life, fast color change or filled resins.
• Capable of rapid cycle times <4 seconds.

*Warranty terms and conditions apply. Please speak to a Mold-Masters representative for complete details.
MODEL OVERVIEW

<table>
<thead>
<tr>
<th></th>
<th>CX</th>
<th>MX</th>
<th>LX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benefit</strong></td>
<td>Fast color change</td>
<td>Longer life, better fill balance</td>
<td>Replaceable gate insert</td>
</tr>
<tr>
<td><strong>Resin Grades</strong></td>
<td>Commodity</td>
<td>Commodity, engineering grade</td>
<td>Crystalline, mineral/glass filled</td>
</tr>
<tr>
<td><strong>Resin Examples</strong></td>
<td>PP, PS, TPE, ABS</td>
<td>PP, ABS, PC, POM</td>
<td>PA, PC POM, PBT, PA</td>
</tr>
<tr>
<td><strong>Stroke</strong></td>
<td>2.5 mm</td>
<td>8.0 mm</td>
<td>8.0 mm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>FEMTO-LITE</th>
<th>FEMTO</th>
<th>PICO</th>
<th>CENTI</th>
<th>DECI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shot Size (g)</strong></td>
<td>&lt;1-5</td>
<td>5-10</td>
<td>10-20</td>
<td>15-50</td>
<td>50-500</td>
</tr>
<tr>
<td><strong>Gate Ø (max)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CX</strong></td>
<td>1.4 mm</td>
<td>1.4 mm</td>
<td>1.8 mm</td>
<td>2.5 mm</td>
<td>4.0 mm</td>
</tr>
<tr>
<td><strong>MX</strong></td>
<td>1.0 mm</td>
<td>1.4 mm</td>
<td>2.2 mm</td>
<td>2.2 mm</td>
<td>3.4 mm</td>
</tr>
<tr>
<td><strong>LX</strong></td>
<td>1.0 mm</td>
<td>1.0 mm</td>
<td>2.0 mm</td>
<td>2.0 mm</td>
<td>4.0 mm</td>
</tr>
</tbody>
</table>

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:
- Simultaneous valve pin motion control of up to 128 cavities.
- Eliminates actuation variability.
- Easily adjust pin stroke, velocity, torque, timing and position.
- Programmable motion profiles for enhanced control.
- Precise 0.01mm tolerances.
- Improve mold balance and production quality.
- Compatible with all resins.

TempMaster™
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.