Accu-Valve’s patented precise gate geometry eliminates high gates with no post or flash for a clean, smooth pristine gate finish. Compatible with both commodity and engineered resins, Accu-Valve meets the demanding needs of medical, packaging, consumer electronics and personal care molding applications.

**KEY FEATURES**

**PRECISION ALIGNMENT**
- Consistent high quality gate results guaranteed* for up to 3 million cycles.

**CONTINUOUS 360 DEGREE PIN GUIDANCE**
- Uninterrupted heat transfer to the valve pin improves gate cosmetics and eliminates pin closing resistance. Requires no disengagement or direct reliance on cavity steel for pin alignment.

**OPEN FLOW LINER CHANNELS**
- Accelerates melt flow and dispersion with virtually no dead or blind spots
- Promotes rapid color changes in 100-150 shots (CX).

**RELIABLE VALVE ACTUATION**
- Capable of rapid cycle times under 4 seconds.

**V-GUIDE SYSTEM TECHNOLOGY**
- Precision pin guidance optimizes gate quality and extends pin and cavity life.

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*Speak to your sales rep for full warranty terms and conditions.
**AVAILABILITY OPTIONS**

**ACCU-VALVE GATING OPTIONS**

<table>
<thead>
<tr>
<th>ACCU-VALVE CX</th>
<th>ACCU-VALVE MX</th>
<th>ACCU-VALVE LX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodity resins (PP, PS, TPE, ABS)</td>
<td>Commodity (MFI&lt;5) and engineering grade resins (PP, ABS, PC, POM)</td>
<td>For crystalline and glass filled resins (PA, PC, POM, PBT, PA)</td>
</tr>
<tr>
<td>Polyolefin resins with MFI&gt;5</td>
<td>Longer lasting gate quality</td>
<td>Replaceable gate insert</td>
</tr>
<tr>
<td>Faster color change performance</td>
<td>Better fill balance</td>
<td></td>
</tr>
</tbody>
</table>

2.5 mm Stroke

8.0 mm Stroke

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>FEMTO-LITE</th>
<th>FEMTO</th>
<th>PICO</th>
<th>CENTI</th>
<th>DECI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shot size (g)</td>
<td>&lt;5</td>
<td>&lt;10</td>
<td>&lt;20</td>
<td>15-50</td>
</tr>
<tr>
<td>Max. gate diameter</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CX</td>
<td>1.4 mm</td>
<td>1.4 mm</td>
<td>1.8 mm</td>
<td>2.5 mm</td>
</tr>
<tr>
<td>MX</td>
<td>1.0 mm</td>
<td>1.4 mm</td>
<td>2.2 mm</td>
<td>2.2 mm</td>
</tr>
<tr>
<td>LX</td>
<td>1.0 mm</td>
<td>1.0 mm</td>
<td>2.0 mm</td>
<td>2.0 mm</td>
</tr>
</tbody>
</table>

2.5 mm Stroke

8.0 mm Stroke

**AVAILABLE GATING STYLES**

- **VALVE GATING OPTIONS**
  - Accu-Valve CX
  - Accu-Valve MX
  - Accu-Valve LX
  - C-Valve
  - Hot Valve

- **THERMAL GATING OPTIONS**
  - E-Type Torpedo (+Extended)
  - F-Type Torpedo
  - C-Sprue
  - Hot Sprue

To ensure your hot runner system operates at peak performance and delivers ultimate process control, Mold-Masters recommends using TempMaster controllers with Accu-Valve and all other gating methods.