Dispensing into tight corners has never been easier or more accurate. Nordson ASYMTEK introduces its line of Tilt Dispensing options to meet the dispensing challenges created by new types of advanced packages and high board-density applications.

Advanced Packaging. New packaging and PC boards continue to stretch the capabilities of dispensers to accurately place fluid in locations that are more difficult to access while maintaining a smaller wet-out area. 3D IC packages challenge the ability to provide sufficient fluid to upper layers of the die stack to get complete underfill penetration. New mobile phones require thin lines of fluid to be dispensed into tight corners of the cases for touch panel assembly. High density PC boards require dispensing around tall components and into tight gaps between devices. Tilt dispensing allows you to place the fluid right where you need it and to avoid those places where you don’t.

Automatic Actuation. Control of ASYMTEK’s tilt dispensing options is integrated into the feature-rich Fluidmove® software suite for automatic actuation of the tilt function during production, reducing equipment downtime associated with manual valve position adjustments. For dispensing along a vertical surface, on one side of a package, two sides, four sides, or at multiple angles, ASYMTEK’s tilt dispensing options are easily set up and programmed for high-volume manufacturing.

One Axis or Two? Whether your application requires tilt dispensing in one axis or two, ASYMTEK has a solution. The Single-Axis tilt option can be mechanically configured to tilt in either X or Y axis. The Programmable Tilt + Rotate option extends this capability with controls to tilt in both X and Y axes using an integrated rotation function for the motorized tilt arm.

Precision. Coupled with ASYMTEK’s award-winning Spectrum™ II platform, tilt dispensing achieves unparalleled accuracy and precision in X, Y, and Z axes for thin lines and small dots; delivering your fluid precisely and consistently, right where you want it.
## Tilt Dispensing Options

### Single-Axis Tilt Bracket

<table>
<thead>
<tr>
<th>Feature/Capability</th>
<th>Single-Axis Tilt</th>
<th>Programmable Tilt + Rotate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilt Actuation</td>
<td>Software-Controlled Pneumatic Cylinder</td>
<td>Software-Controlled Stepper Motor</td>
</tr>
<tr>
<td>Tilt Axis</td>
<td>Manually-Adjusted X or Y</td>
<td>Software-Controlled X and Y</td>
</tr>
<tr>
<td>Maximum Tilt Angle</td>
<td>±30°</td>
<td>±30°</td>
</tr>
<tr>
<td>Tilt Angle Resolution</td>
<td>10°</td>
<td>1°</td>
</tr>
<tr>
<td>Tilt Angle Setting</td>
<td>Manually-Adjusted Hard Stop</td>
<td>Programmed in Software</td>
</tr>
<tr>
<td>Valve Compatibility</td>
<td>DJ-9000, DJ-9500, DV-7000, DV-8000</td>
<td>DJ-9000, DJ-9500</td>
</tr>
<tr>
<td>Platform Compatibility *</td>
<td>Spectrum I, Spectrum II</td>
<td>Spectrum II</td>
</tr>
</tbody>
</table>

* For additional platforms, consult the Factory

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Published 2018-03-21 (Updated)