Two-Station XYZ Robot

Cell Dispensing System

2-Station Manual Load / Unload XYZ Robot Dispenser

Precision Dispensing Robots for Manual Load/Unload Operations for 1- Part and 2- Part Materials

This robotic dispensing system a heavy-duty XYZ axis, servo-drive robot for precision bead placement and high performance dispensing technology. The robot design is robust for long life and provides added stability for precise material placement.

Each robot dispense system includes a complete fluid metering dispense system, from supply to nozzle. The manual load/unload fixture is integrated with the XYZ dispensing robot complete with controls and teach pendant. Bead path programming, installation and start up assistance is provided by Sealant Equipment.

Available options:

- Dispense adhesives, sealants and lubricant materials with precision
- Non-stop dispensing for increased production rate
- Parts are manually loaded and unloaded at two side-by-side stations
- Dispense various part configurations with one robotic dispensing system
- Material is dispensed using precision XYZ motion
- Complete robot dispense system includes supply, meter, control, dispense valves, hoses, valve tooling, fixture, part tooling, robot, controller, teach pendant, table, surround and safety
- Part programming available by Sealant Equipment

Typical Applications

- Potting Electronics
- Bonding Products
- Sealing Components
- Gasketing
- Filling Products
- Decal Doming
- Contract Manufacturing
Servo-Flo® XYZ Robot Dispense System

Gasketing application with a 1-part RTV Silicone

Potting application with a 2-part material dispensed into 8 parts in one fixture

For more information, speak with your Nordson representative or contact your Nordson regional office.

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**Technical Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>Servo-Flo Micro-Meter</th>
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</thead>
<tbody>
<tr>
<td>Meter Type</td>
<td>Positive Displacement Meter</td>
</tr>
<tr>
<td>Meter Drive</td>
<td>Servo Drive Motor</td>
</tr>
<tr>
<td>Materials Dispensed</td>
<td>RTV Silicone or other</td>
</tr>
<tr>
<td>Fixture Type</td>
<td>2-Station Manual Load and Unload</td>
</tr>
<tr>
<td>Part Tooling</td>
<td>1 or more Fixtures and Parts</td>
</tr>
<tr>
<td>Robot</td>
<td>Quantity (1) Three (3) Axis: X, Y and Z</td>
</tr>
<tr>
<td>Dispense Area</td>
<td>Up to 400 x 400 x 100 mm</td>
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