Positive rod displacement, fixed ratio meter, mix, and dispense system

System specifications

<table>
<thead>
<tr>
<th><strong>System specifications</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Metering principle</td>
<td>Positive rod displacement</td>
</tr>
<tr>
<td>Drive type</td>
<td>Single servo</td>
</tr>
<tr>
<td>Material delivery</td>
<td>Shot or bead</td>
</tr>
<tr>
<td>Shot size range</td>
<td>Up to 24 per stroke cc at 1:1 ratio</td>
</tr>
<tr>
<td>Ratio range</td>
<td>1:1 up to 10:1</td>
</tr>
<tr>
<td>Viscosity range</td>
<td>Liquid to paste</td>
</tr>
<tr>
<td>Supply type</td>
<td>Pump or tank</td>
</tr>
</tbody>
</table>

Application solutions

- Aircraft and aerospace
- Appliance
- Battery
- Construction
- Electronics and electrical
- Filters
- Lighting and LED
- Solar and wind power

Benefits

- **Longer lifespan**
  - Heavy duty packings and seals minimize wear and increase lifespan for dispensing abrasive and heavily filled materials
  - Hardened meter rods never touch meter cylinder walls to reduce the need for preventative maintenance over time
- **Quality dispensing**
  - Positive rod displacement metering combined with servo drive technology proportions materials to the manufacturer’s exact volumetric ratio
  - Controlled flow rate and mixed material dispense volumes meet customer specifications
- **Exact consistency**
  - Power inlet and outlet valves eliminate material bypass and ensure ratio precision and consistency

Features

- Constant or variable flow rate
- Constant or variable bead diameter
- Shot size and flow rate adjustment using HMI
- Low cost repair and easy maintenance
- Uses ball screw technology
- Single carriage moving both rods provides high confidence in ratio accuracy
- Uses electronic pressure monitoring to ensure consistent process parameters part to part
- Compact design allows for close proximity application point
- Quick change seal cartridges
- Dispense Valve can be mounted directly to meter, supplying the highest accuracy in ratio and volume

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In highly competitive manufacturing markets, productivity is vital and performance is essential. That’s why we apply both to everything we do, whether it’s our products, expertise or outstanding customer service. We’ll always be there to help maintain the new standards you’ve set, with expert local service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

Nordson SEALANT EQUIPMENT

Nordson Sealant Equipment
Wixom, MI, USA

Phone: 1.248.412.7920
Email: SealantSales@nordson.com

Find out more at:
www.nordson.com/nse

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Technical data

<table>
<thead>
<tr>
<th>Ratio**</th>
<th>2&quot; (5 cm) model</th>
<th>5&quot; (13 cm) model</th>
<th>7&quot; (18 cm) model</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:1</td>
<td>7 cc’s</td>
<td>18 cc’s</td>
<td>24 cc’s</td>
</tr>
<tr>
<td>2:1</td>
<td>5 cc’s</td>
<td>13 cc’s</td>
<td>18 cc’s</td>
</tr>
<tr>
<td>4:1</td>
<td>4.25 cc’s</td>
<td>11 cc’s</td>
<td>15 cc’s</td>
</tr>
<tr>
<td>6:1</td>
<td>4 cc’s</td>
<td>10 cc’s</td>
<td>14 cc’s</td>
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<tr>
<td>8:1</td>
<td>3.75 cc’s</td>
<td>9 cc’s</td>
<td>13 cc’s</td>
</tr>
<tr>
<td>10:1</td>
<td>3.25 cc’s</td>
<td>8 cc’s</td>
<td>11 cc’s</td>
</tr>
</tbody>
</table>

* Estimate only. Material ratios and viscosities will affect actual meter capability.
+ Consult your Nordson representative with application specifics for accurate meter capabilities.
** Ratio by volume

Application options

- Floor mount stand
- Bench top mounting stand
- Remote plate mounting
- 2", 5" or 7" meter lengths

* Consult your Nordson representative for additional options.