ValveMate 7197PCP-2K Controller

Touchscreen programming of 797PCP-2K progressive cavity pumps

The ValveMate™ 7197PCP-2K controller features an intuitive touchscreen interface that puts precise adjustment of two-component (2K) dispensing parameters at your fingertips. This allows you to accurately meter exact ratios of part A and part B materials through Nordson EFD static mixers for better mix quality and bond strength. It also provides highly repeatable dispensing results at ±1% volumetric.

Multiple programming modes, including Line, Volume, Weight, Timed, or Teach, make the controller versatile to meet a wide range of application requirements. Advanced features, such as the ability to change the rotor speed when dispensing a line around corners, deliver a high level of process control.

As a single-source supplier of modular 797PCP-2K progressive cavity pumps, controllers, dispensing robots, fluid reservoirs, and disposable static mixers, Nordson EFD offers a total system solution.

Features
• Advanced intuitive touchscreen interface
• Line, Volume, Weight, Timed, and Teach modes
• Digital display of all dispensing parameters

Benefits
• Multiple modes allow for exact adjustment of dispensing parameters and mix ratios up to 20:1
• Programmable suck-back provides clean cut-off without dripping or drooling
• Total system solution simplifies setup and delivers industry-leading performance

Make on-the-fly adjustments to optimize 2K dispensing process control.

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The ValveMate 7197PCP-2K simplifies setup and programming of volumetric meter mix dispensing.

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Specifications

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Cabinet size</td>
<td>21.2W x 10.8H x 17.3D cm</td>
</tr>
<tr>
<td></td>
<td>(8.33W x 4.27H x 6.82D&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.8 kg (4.0 lb)</td>
</tr>
<tr>
<td>Rotor speed</td>
<td>10–150 RPM</td>
</tr>
<tr>
<td>Time range</td>
<td>0.001–600,000 ms (1 s to 10 min)</td>
</tr>
<tr>
<td>Electrical power input</td>
<td>24 VDC (±2%), 3.75 Amp maximum</td>
</tr>
<tr>
<td>Feedback circuits</td>
<td>Electronic switch, 24 VDC, 100 mA maximum</td>
</tr>
<tr>
<td>Initiate circuit</td>
<td>Foot pedal</td>
</tr>
<tr>
<td>Approvals</td>
<td>CE, TUV, RoHS, China RoHS, WEEE</td>
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<tr>
<td>Warranty</td>
<td>1 year, limited</td>
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797PCP-2K Series Progressive Cavity Pumps

Nordson EFD progressive cavity pumps deliver reliable volumetric dispensing. 797PCP-2K Series pumps provide industry-leading repeatability at ±1% when dispensing two-component (2K) fluids.

For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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