ValveMate 7197PCP Controller
Touchscreen control of 797PCP Series progressive cavity pumps

The ValveMate™ 7197PCP controller's high-resolution touchscreen interface puts precise adjustment of volumetric dispensing parameters at your fingertips. This allows for flexible, intuitive programming of 797PCP Series progressive cavity pumps at factory workstations.

Multiple programming modes, including Line, Volume, Weight, or Timed, make the controller versatile to meet a wide range of application requirements. Operators can easily program the pumps to achieve industry-leading deposit volume accuracy and repeatability at ± 1%.

Advanced features, such as the ability to change the rotor speed when dispensing a line around corners, deliver a high level of process control. Calibration functionality makes dispensing results more accurate and repeatable after initial setup and after setup adjustments.

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

Benefits
• Multiple modes allow for exact adjustment of dispensing parameters for a wide range of dispensing applications
• Ethernet compatibility simplifies integration with Smart Factory technology
• Programmable suck-back provides clean cut-off for more accurate dispensing without dripping or drooling

Part #  Description
7364076  ValveMate 7197PCP Controller

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

The ValveMate 7197PCP simplifies setup and operation of the 797PCP progressive cavity pumps.
Specifications

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| Cabinet size  | 21.2\text{w} \times 10.8\text{h} \times 17.3\text{d} cm  
                 (8.33\text{w} \times 4.27\text{h} \times 6.82\text{d}) |
| Weight        | 1.8 kg (4.0 lb)                                    |
| Rotor speed   | 10–150 RPM                                         |
| Time range    | 0.001–600,000 ms (1 s to 10 min)                   |
| Electrical power input | 24 VDC (± 2%), 3.75 Amp maximum                       |
| Feedback circuits | Electronic switch, 24 VDC, 100 mA maximum               |
| Initiate circuits | Foot pedal                                             |
| Approvals     | CE, TUV, RoHS, China RoHS, WEEE                      |
| Warranty      | 1 year, limited                                    |

797PCP Series Progressive Cavity Pumps

Nordson EFD progressive cavity pumps deliver reliable volumetric dispensing. 797PCP Series pumps provide industry-leading repeatability at ± 1% when dispensing one-component or 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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