

ValveMate 8000 Controller

The fastest, most precise way to adjust fluid deposits



Valve open time is the primary control of deposit size.

Deposit size is determined by a combination of fluid pressure, valve stroke, tip size and valve open time, with valve open time providing the greatest control over the amount of fluid dispensed.

The Nordson EFD ValveMate™ 8000 controller is a fast, convenient way to adjust valve open time in increments as small as 0.001 seconds, right at the dispensing station. The result is exceptional process control without time-consuming programming or mechanical adjustments that require the production line to be shut down.

Benefits

- Maximum process control
- “On the fly” deposit adjustment
- Dispensing lines run at optimum speed
- Cost-effective — one ValveMate 8000 can control 1, 2, 3, or 4 valves
- Simple to set up and operate
- Easily interfaced with a PLC

ValveMate controllers provide the primary control of deposit size.



“We had a skilled technician spending 8 to 10 hours a week adjusting equipment. By putting a controller at each dispensing station, we’ve reduced that time to almost zero.”

— A.T. Cross Company

Operate up to four valves independently or simultaneously.

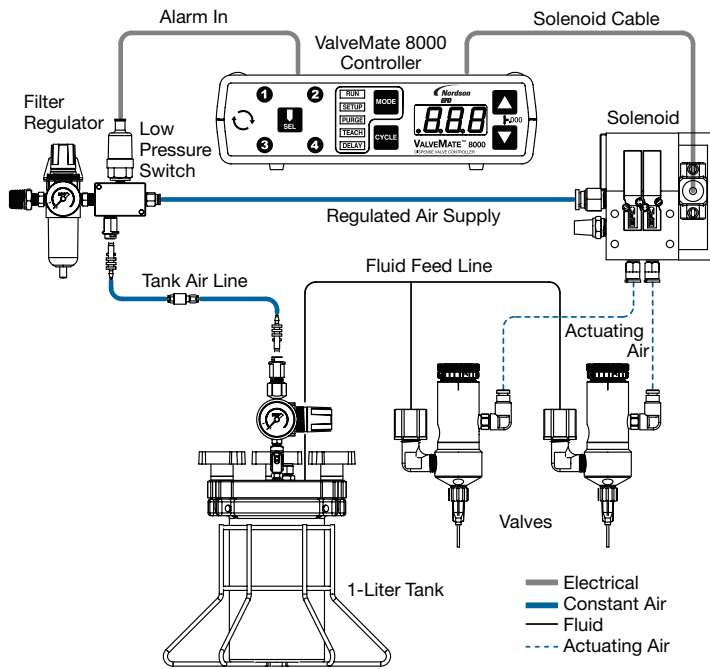
Part #	Description
7022004	8000 Multi-Valve Controller
7022246	Single In-line Solenoid
7022247	Dual Solenoid Block
7022248	Tri Solenoid Block
7022249	Quad Solenoid Block



more info



ValveMate 8000 Sample Setup



EFD ValveMate controllers feature microprocessor circuitry for extremely precise control of deposit size. Feed lines can be purged, initial deposit sizes set, and adjustments made quickly and easily at the dispensing station, without stopping the production line.

ValveMate controllers are simple to set up and operate, and are easy to interface with PLCs and other equipment. When the signal to start the cycle is received, the ValveMate's microprocessor takes over and regulates the amount of fluid dispensed. At the end of the cycle, the ValveMate signals that the process has been completed.

Select Your Valve

See the Valve Selection Guide for the valves compatible with this controller — www.nordsonefd.com/ValveGuide.

Automated Dispensing Systems

Nordson EFD automated dispensing systems deliver market-leading repeatability and accuracy in fluid placement and positioning. Specialized dispensing software simplifies setup and programming. Optimize dispensing results with features such as laser height sensing and smart vision CCD cameras.

Request a Process Evaluation

Contact Nordson EFD to configure a precision dispense system that meets your specific needs, with:

- A complimentary process evaluation by experienced fluid dispensing experts.
- Samples processed for customer evaluation and approval prior to purchase.

Specifications

Item	Product
Cabinet size	18.3w x 8.5h x 5.0d cm (7.22w x 3.38h x 2.0d")
Weight	0.27 kg (0.6 lb)
Input AC (to power supply)	100–240 VAC, 50/60Hz
Output voltage (from power supply)	24 VDC, 1.25 Amp maximum
Power requirements	24 VDC, 1.25 Amp maximum
Feedback circuits	5 to 24 VDC NC solid-state switch 100 mA maximum
Initiate circuit	5 to 24 VDC signal
Cycle rate	Exceeds 600 per minute
Time range	Programmable 0.001 to 99.9 seconds
Approvals	CE, RoHS, WEEE, and China ROHS



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

Global

East Providence, RI USA
800-556-3484; +1-401-431-7000
info@nordsonefd.com

Europe

Dunstable, Bedfordshire, UK
0800 585733; +44 (0) 1582 666334
europe@nordsonefd.com

Asia

China: +86 (21) 3866 9006; china@nordsonefd.com
India: +91 80 4021 3600; india@nordsonefd.com
Japan: +81 03 5762 2760; japan@nordsonefd.com
Korea: +82-31-736-8321; korea@nordsonefd.com
SEAsia: +65 6796 9522; sin-mal@nordsonefd.com