

# ValveMate 8000 Controller

The fastest, most precise way to adjust fluid deposits



ValveMate controllers provide the primary control of deposit size.

**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.

## Features and 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



*“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
7014871	Kit, power cord*, American plug
7014872	Kit, power cord*, European plug

\*Order separately



more info



## Specifications

Item	Product
Cabinet size	18.3 <sub>W</sub> x 5.1 <sub>H</sub> x 8.6 <sub>D</sub> cm (7.20 <sub>W</sub> x 2.00 <sub>H</sub> x 3.38 <sub>D</sub> " )
Weight	0.3 kg (0.6 lb)
Cycle rate	Exceeds 600 per minute
Time range	0.001–99.9 s
Input AC (to power supply)	100–240 VAC, 50/60Hz
Output DC (from power supply)	24 VDC, 1.25 Amp maximum
Feedback circuits	5 to 24 VDC NC solid-state switch 100 mA maximum
Cycle initiate	5–24 VDC signal
Approvals	CE, UKCA, TUV, RoHS, WEEE, China RoHS
Warranty	1 year, limited

## Select Your Valve

See the Valve Selection Guide for the valves compatible with this controller — [www.nordsonefd.com/ValveGuide](http://www.nordsonefd.com/ValveGuide).

## Automated Dispensing Systems

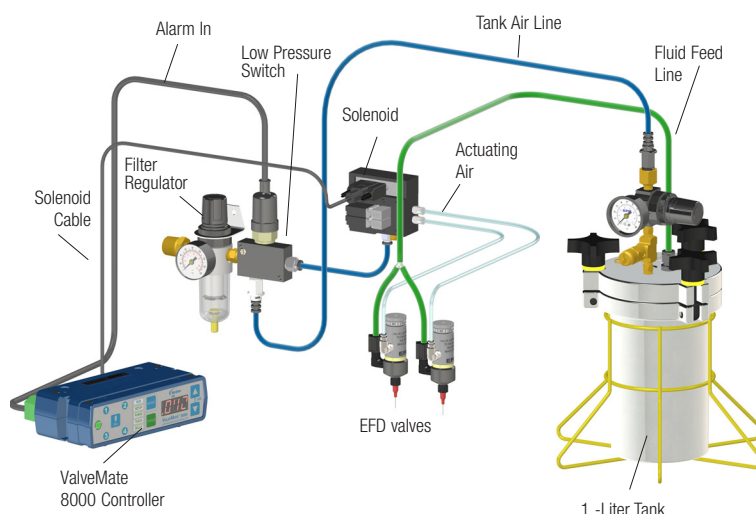
Nordson EFD automated dispensing systems deliver market-leading repeatability and accuracy in fluid placement and positioning. Specialized dispensing software simplifies setup and programming. Optimize dispensing results with features such as laser height sensing and smart vision CCD cameras.

## 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.

## 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.



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to [www.nordsonefd.com](http://www.nordsonefd.com).

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