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.

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>7022004</td>
<td>8000 Multi-Valve Controller</td>
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<tr>
<td>7022246</td>
<td>Single In-line Solenoid</td>
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<tr>
<td>7022247</td>
<td>Dual Solenoid Block</td>
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<tr>
<td>7022248</td>
<td>Tri Solenoid Block</td>
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<tr>
<td>7022249</td>
<td>Quad Solenoid Block</td>
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Operate up to four valves independently or simultaneously.
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.

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.

Select Your Valve

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

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.