Ultimus™ IV Series Dispensers
Highly repeatable, precise fluid control

Positive displacement dispensers are ideal for applying uniform amounts of 2-part epoxies and other fluids that change viscosity over time. Compressed air is not required — instead, these electrically operated units use stepper motors and patented technology to advance and retract a piston inside the syringe barrel. They will produce accurate, repeatable deposits, regardless of changes in fluid viscosity or temperature.

Features
• All-electric, multi-function display
• 100 user-defined memory cells
• Non-pneumatic, shop air not required
• Programmable pullback stops drooling

Benefits
• Higher productivity and first-pass yields
• Greater process control
• Better product quality, reliability, and appearance
• Less rework and fewer rejects
• No waste or mess

Increase productivity and process control with precision fluid dispensers from Nordson EFD.

Apply uniform amounts of fluid with viscosities that change over time.

Produce repeatable deposits regardless of changes in ambient temperature.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7017178</td>
<td>Ultimus IV dispenser, 3cc syringe barrels</td>
</tr>
<tr>
<td>7017181</td>
<td>Ultimus IV dispenser, 5cc syringe barrels</td>
</tr>
<tr>
<td>7017177</td>
<td>Ultimus IV dispenser, 10cc syringe barrels</td>
</tr>
<tr>
<td>7017179</td>
<td>Ultimus IV dispenser, 30cc syringe barrels</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabinet Size</td>
<td>18.4( W ) x 8.1( H ) x 32.3( D ) mm (7.25( W ) x 3.18( H ) x 12.73( D ))”</td>
</tr>
<tr>
<td>Weight</td>
<td>3.7 kg (8.2 lb)</td>
</tr>
<tr>
<td>Power adapter</td>
<td>AC input: 100–240 VAC (+/-10%), ~50/60Hz</td>
</tr>
<tr>
<td></td>
<td>DC output: 24 VDC @ 2.5 Amp</td>
</tr>
<tr>
<td>Cycle rate</td>
<td>Exceeds 20 cycles per minute</td>
</tr>
<tr>
<td>End-of-cycle feedback circuits</td>
<td>5–24 VDC, 100 mA maximum</td>
</tr>
<tr>
<td>Cycle initiate</td>
<td>Foot pedal, Cycle Start button, or 5–24 VDC signal</td>
</tr>
<tr>
<td>Approvals</td>
<td>CE, TUV, RoHS, WEEE, China RoHS</td>
</tr>
<tr>
<td>US Patent No.</td>
<td>6,575,331</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 year, limited</td>
</tr>
</tbody>
</table>

## 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.

## Don’t Forget to Order Your Components

EFD Optimum® components are designed to work with your dispenser as part of a complete, integrated system that produces the most accurate, repeatable deposits possible.

- Adapter assembly
- Syringe barrels
- SmoothFlow™ pistons
- Dispensing tips
- Tip caps and end caps

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

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