Ultimus V High Precision Dispenser

High-precision benchtop fluid dispensing control for advanced applications



High-precision benchtop fluid dispensing control for advanced applications, two-part epoxies, and fluids that change viscosity.

Easy-to-program full electronic pressure regulation keeps critical fluid dispensing processes consistent from start to finish.

Features

- Auto Increment mode adjusts dispensing parameters after a certain number of shots or a specic lapsed time
- 400 individual memory storage cells
- Steady, Timed, and Teach modes
- Multi-level operator lockout
- End-of-cycle feedback loop
- External PC interface for data input
- Display cycle counter
- RS-232 communications capability
- D-sub I/O (15-pin) and communication (9-pin) connections
- Alarm I/O signals



Specifically designed to work with the Ultimus™ V, the patented Optimeter™ provides even greater control when dispensing all fluids by automatically increasing airflow as the syringe barrel empties.

Benefits

- Shot size stays consistent, regardless of changes in fluid viscosity
- Electronic control of dispense time, air pressure, and vacuum ensures exceptional accuracy
- Once programmed, air pressure automatically adjusts as fluid gets thicker or thinner
- Easy “set it and forget it” operation means you only need to program the Ultimus V once for each fluid and job
- Simultaneous display of all dispensing parameters simplifies process control

Part #	Description
7012590	Ultimus V dispenser, 0–7.0 bar (0–100 psi) pressure regulator
7012589	Ultimus V calibrated dispenser, 0–7.0 bar (0–100 psi) pressure regulator calibrated to EFD specifications based on NIST standards
7014503	Ultimus V Optimeter 30cc; Specify #7014504 for Optimeter 10cc
7014871	Kit, power cord*, American plug
7014872	Kit, power cord*, European plug

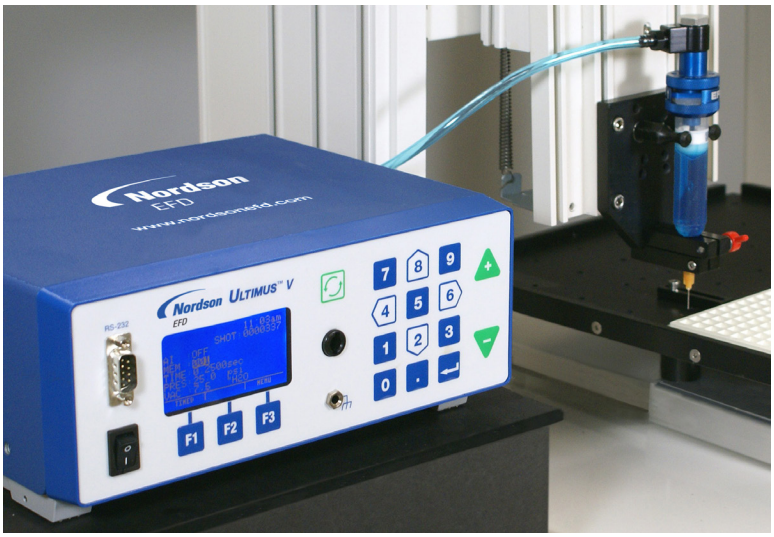
*Order separately

more info

Nordson EFD

Specifications

Item	Specification
Cabinet size	22.5W x 9.50H x 19.9D cm (8.86W x 3.74H x 7.85D")
Weight	3.4 kg (7.7 lb)
Internal AC-DC power supply	AC input: 100–240 VAC (+/-10%), ~50/60Hz, 0.5 A DC output (internal): 24 VDC @ 1.7 A
Cycle rate	Exceeds 600 cycles per minute
Time range	0.0000–9.9999 s
End-of-cycle feedback circuits	5–24 VDC, 100 mA maximum
Cycle initiate	Foot pedal, finger switch, or 5–24 VDC signal
Air output	0–7.0 bar (0–100 psi)
Approvals	CE, UKCA, TUV, RoHS, WEEE, China RoHS
Warranty	1 year, limited



High speed microdot dispensing with Ultimus V and Optimeter.

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.

Nordson
EFD

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

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