

EFD[®]

A NORDSON COMPANY

QUALITY COSTS LESS.



Ultra[®] 2400 Series Dispensing Workstation

Ultra 2400 Series

Dispensing Workstation



Introducing the all new Ultra 2400 Series. When it comes to applying assembly fluids — from watery thin solvents to thick silicones and paste-like epoxies — these innovative systems provide the most complete control available today.

The compact cabinet requires minimal work space, yet packs a powerful punch both inside and outside the box. A unique air management and high-speed solenoid system work together for consistent deposit control. Work panels allow attachment of workstation lighting, ergonomic hand pieces, flexible syringe barrel mounting options or other beneficial tools for your specific application.

Key Features

- ◆ All-digital, multi-function display with simultaneous readouts of air pressure, time and vacuum pullback
- ◆ Selectable password to lock out operator changes
- ◆ High speed solenoid for highly accurate deposits
- ◆ Universal power supply includes plug adapters for immediate use in any country
- ◆ Multilingual display, selectable on-site for English, French, German, Spanish, Italian, Japanese, Chinese or Korean
- ◆ Unique air management system provides rapid response and stabilizes cycle-to-cycle control
- ◆ Time increment adjustments as small as .0001 seconds for precise deposit control
- ◆ Selectable unit display — psi, bar or kPa for pressure; inH₂O, inHg, kPa, mmHg or Torr for vacuum
- ◆ Easy to use “Teach” function for initial setup

Models and Specifications

2400: 0 to 100 psi (0 to 6.9 bar); all fluids

2415: 0 to 15 psi (0 to 1.0 bar); watery fluids

2405: 0 to 5 psi (0 to 0.34 bar);
micro deposits of very thin fluids

Cabinet size: 14.3 x 18.1 x 17.3 cm
(5.63w x 7.12h x 6.82d")

Weight: 2.3 kg (5.0 lb)

Cycle rate: Exceeds 600 cycles per minute

Time range: 0.0001 to 999.9999 seconds

AC input voltage: 100 to 240 VAC

AC input frequency: 47 to 63 Hz

End-of-cycle feedback circuits: 5 to 24 VDC
100 mA maximum

Initiate circuits: Foot pedal, finger switch or
5 to 24 VDC signal

Meets or exceeds CE and CSA requirements

Warranty: 10 years

Note: Specifications and technical details are subject to change without prior notification.

Productivity Tools

The Ultra 2400 Series offers a complete system. Choose from this list of optional tools to maximize your dispensing workstation.

Flexible arm syringe barrel holder

Mounts to the work panels and adjusts to multiple heights and angles. #2429

Stiff arm syringe barrel holder

Mounts to the work panels, holding the syringe barrel in a fixed position. #2434

Ergonomic hand grip with finger switch/light

Finger switch activated by a built-in touch sensor with high-beam penlight to illuminate the dispensing area. Fits 3cc to 55cc syringe barrels. Patent# U.S. 6,938,795 B2. #2440FS

Workstation lamp

Mounted on a flexible arm and fully adjustable. Provides targeted lighting for greater operator accuracy and comfort. #2437

Safety shield

Mounted on a flexible arm and fully adjustable. Provides splash guard protection in areas where adhesives and toxic fluids are used. #2436

Production extension shelf

Maximizes bench space and provides a flat work surface for other tools or dispenser stacking. #2443

Magnifying lens

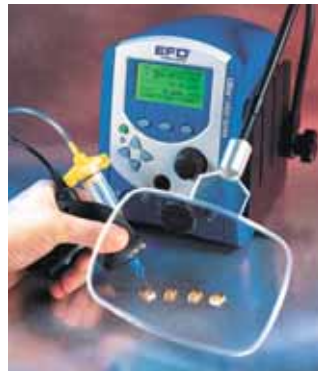
1.7x magnification ensures more accurate deposit placement, improves repeatability and reduces risk of operator strain. #2442

I/O connector assembly

Allows easy connection to the Ultra 2400 dispenser for external control. One end has an 8 pin male DIN connector; opposite end connects to external devices. #2446

Vacuum suck-back filter trap

Guaranteed to prevent fluid from being sucked back into the dispenser. Holds up to 30cc of fluid. #2435



Ultra 2400 with magnifying lens and finger switch



2400 dispenser with workstation lamp and flex arm barrel holder



Production extension shelf



Model 2400 shown with workstation lamp and finger switch



Hand grip with finger switch and built-in light

Filter muffler

Designed for cleanrooms and other demanding production areas. Attaches to Ultra 2400 exhaust port and filters output air to meet Fed 209-B (0.5 micron particulates). #2400FT

Five-micron regulator

Required for production areas where clean, dry, filtered factory air is not available, or to stabilize plant air supply for more consistent deposits. #2000F755

For dispensing cyanoacrylates, order the regulator with a coalescing filter that removes liquid aerosols from the air supply. #2000F756

Vacuum pickup pen system

Convenient all-in-one vacuum generator and pen system makes it easy to pick-and-place small parts. #2455



Request a free 30-day evaluation.
www.efd-inc.com/eval

Ultra Advanced Component System

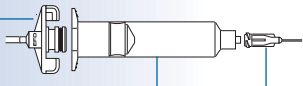
All EFD® Ultra dispensers and disposable components (syringe barrels, pistons and dispensing tips) are designed to work together as complete systems. When you combine high-quality Ultra components with an Ultra dispenser, you produce the most accurate, consistent fluid deposits possible.

- Industrial grade syringe barrels and SmoothFlow™ pistons provide a close-tolerance fit for controlled, drip-free fluid application.
- Precision molded tips are available in a wide variety of styles, sizes and lengths to match any dispensing application.
- All Ultra components are manufactured in EFD's own silicone-free US facilities, and are certified safe for industrial use.

For helpful recommendations, please contact a Fluid Application Specialist. For free samples, go to www.efd-inc.com/samples.



Dispensing workstation includes

Input air hose, fittings, power cord set, omnidirectional foot pedal	✓
Cabinet-mounted barrel holder	✓
Ergonomic hand grip	✓
Adapter hose holder	✓
Quick Start Guide	✓
User's Guide	✓
(1) box of tip caps	✓
Select the following items at time of purchase:	
(1) Adapter assembly 	✓
(2) boxes of syringe barrels and pistons (same size)	✓
(2) boxes of dispense tips	✓
Memory settings	16
Shot counter	✓
Operator security lockout	✓
4th decimal time setting	✓
Accessory workstation panels	✓
Hand grip with finger switch and light	○
Flex arm barrel holder	○
Stiff arm barrel holder	○
Safety shield	○
Magnifying lens	○
Production extension shelf	○
Workstation lamp	○
Vacuum pickup pen system	○
Vacuum suck-back filter trap	○
Five-micron filter regulator	○
I/O connector assembly	○
Filter muffler	○

✓ = included ○ = optional



For EFD sales and service in over 30 countries, contact EFD or go to www.efd-inc.com/contact

EFD, Inc.

East Providence, RI USA
 800-556-3484; +1-401-434-1680 (outside the USA)
info@efd-inc.com www.efd-inc.com

EFD International Inc.

Dunstable, Bedfordshire, UK
 0800 585733 or +44 (0) 1582 666334
 Ireland 00800 8272 9444
europe@efd-inc.com www.efd-inc.com

EFD, Inc., Asia

China: +86 (21) 5854 2345
china@efd-inc.com www.efd-inc.com/cn
 Singapore: +65 6896 9630 sin-mal@efd-inc.com