

Ultra[®] 1400 Series fluid dispensing kit



Electronic pdf files of EFD manuals are also available at www.efd-inc.com/manuals.html

Models

1400: 0 to 100 psi (0 to 6.9 bar) air pressure regulator; all fluids

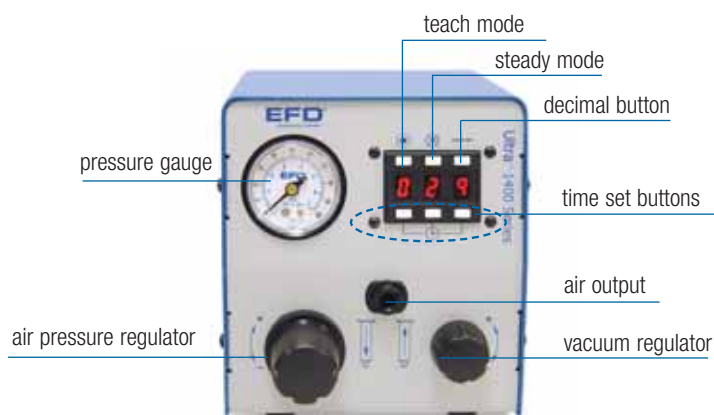
1415: 0 to 15 psi (0 to 1.0 bar) air pressure regulator; watery fluids

Whether you apply cyanoacrylates or thick sealants, the versatile, easy-to-use Ultra 1400 dispenses accurate, consistent deposits. Helpful Teach function lets the operator establish deposit size, then stores time required for automatic, repeatable results.

The Ultra 1400 kit arrives ready for use. EFD quality dispensing components are matched to your specific application for optimum results.

Key Features

- ◆ Dispenses all assembly fluids
- ◆ Vacuum control for watery-thin fluids
- ◆ Digital display of dispense time, with microprocessor control
- ◆ Choose from three modes of operation: Timed, Steady or helpful Teach for initial deposit setup
- ◆ Compatible with all EFD Ultra components
- ◆ Compact, stackable design takes less space on the benchtop
- ◆ Versatile barrel holder mounts left or right based on operator preference



Cabinet size: 13.3 W x 15.0 H x 15.2 D cm (5.25 W x 5.94 H x 6.00 D")

Air input: 80 to 100 psi (5.5 to 6.9 bar)

Input voltage: Selectable 100/120/220 VAC

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


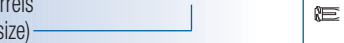
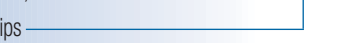
Dispense time: Programmable from .001 to 99.9 seconds

Meets or exceeds CE and CSA standards

Warranty: 2 years

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

Ultra 1400 kit includes

Input air hose, fittings, power cord set, foot pedal	✓
Cabinet-mounted barrel holder	✓
Adapter hose holder	✓
User's Guide	✓
(1) box of tip caps	✓
Select the following at time of purchase:	
(1) adapter assembly 	✓
(2) boxes of syringe barrels and pistons (same size) 	✓
(2) boxes of dispense tips 	✓
Ergonomic hand grip (#2441)	○
Flex arm syringe barrel holder (#2429)	○
Stiff arm syringe barrel holder (#2434)	○
Finger switch (#2015FS)	○
Five micron filter regulator (#2000F755)	○
9 pin connector (#7154)	○
Cleanroom filter muffler (#2170FT)	○
Liquid filter trap (#1000FLT-Y)	○
Hpx dispensing system (#HP7x / HP4x)	○
Mikros pen system (#5800MP-SYS)	○
Vacuum pickup pen system (#2455)	○

✓ = included with models ○ = optional/order separately



Ultra Advanced Component System

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.

Ultra 1400 air-powered dispenser kit



Request a free 30-day evaluation.

www.efd-inc.com/eval

Applications

1400 1415

Thick pastes	●	■
Thin, watery fluids	▲	●
Thin cyanoacrylates	▲	●
Solder paste	●	■
Microdeposits	●	●
Bonding and gluing	●	●
Potting and filling	●	▲
Beading and striping	●	●

● Recommended ▲ Satisfactory ■ Do not use

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