

# Performus Dispensing System

## Quick Start Guide



Electronic pdf files of EFD manuals are also available at [www.nordsonefd.com](http://www.nordsonefd.com)

TM

Unpack the unit. Now is a good time to activate the warranty online at [www.nordsonefd.com/warranty/dispensers/one/](http://www.nordsonefd.com/warranty/dispensers/one/) (Performus I) or [www.nordsonefd.com/warranty/dispensers/two/](http://www.nordsonefd.com/warranty/dispensers/two/) (Performus II-VIII).

1. Note: Clean, dry filtered air is required to meet warranty. If your air supply is not filtered, order the five-micron filter regulator #7016547.

Turn the air regulator adjustment knob to zero.

Connect one end of the air input hose to the Performus; connect the other end to the plant air supply. Set the plant air supply between 5.5-6.9 bar (80-100 psi).

2. Attach the plug that matches the local power outlet to the power pack.

Connect the power cord to the Performus and insert the plug into the local power source.

Press the power button on the front panel.

3. Connect the foot pedal or optional finger switch #7016718.

4. Attach a filled Nordson EFD syringe barrel to the adapter assembly and snap the safety clip closed. Replace the tip cap with an Nordson EFD dispense tip and place the syringe barrel in the barrel stand.

5. Insert the adapter assembly into the quick-connect fitting on the front of the Performus and twist to lock.

6. Set air pressure (Performus I-VIII).

Pull the air regulator adjustment knob out to unlock it.



#### IMPORTANT SAFETY INFORMATION

All Nordson EFD disposable components, including syringe barrels, cartridges, pistons, tip caps, end caps, and dispense tips, are precision engineered for one-time use. Attempting to clean and re-use components will compromise dispensing accuracy and may increase the risk of personal injury.

Always wear appropriate protective equipment and clothing suitable for your dispensing application.

Do not exceed maximum operating pressure of 100 psi (7.0kg/cm<sup>2</sup>).

Do not heat syringe barrels or cartridges to a temperature greater than 100°F (38°C).

Dispose of components according to local regulations after one-time use.

Do not clean components with strong solvents (e.g. MEK, Acetone, THF).

Cartridge retainer systems and barrel loaders should be cleaned with mild detergents only.

To prevent fluid waste, use Nordson EFD SmoothFlow™ pistons.

Turn the knob clockwise until the correct air pressure is displayed on the gauge or LED display.

Push the air regulator adjustment knob in to lock it.

**7.** Set dispense time (Performus II-VIII only—Refer to the User's Guide for detailed instructions.)

Put the Performus in Timed mode.

Use the up/down arrows (Performus II-VIII) or Program/Teach function (Performus V-VIII only) to set dispense time.

**8.** Unsnap the safety clip on the adapter assembly. Purge the dispense tip and apply fluid as described below:

Performus II-VIII: Put the dispenser in Steady mode and press the foot pedal until fluid flows from the tip, then release the foot pedal.

Put the dispenser in Timed mode and press the foot pedal once to make a timed deposit.

Performus I: Press and hold the foot pedal until fluid flows from the tip, then release the foot pedal.

Press and hold the foot pedal again until the desired amount has been dispensed, then release the foot pedal.



For Nordson EFD LLC sales and service in  
over 30 countries, contact EFD or go to  
[www.nordsonefd.com](http://www.nordsonefd.com)

East Providence, RI USA  
USA & Canada: 800-556-3484;  
+1-401-431-7000  
[info@nordsonefd.com](mailto:info@nordsonefd.com)

Dunstable, Bedfordshire, UK  
0800 585733; +44 (0) 1582 666334  
Ireland 00800 8272 9444  
[europe@nordsonefd.com](mailto:europe@nordsonefd.com)

China: +86 (21) 3866 9006  
[china@nordsonefd.com](mailto:china@nordsonefd.com)

Singapore: +65 6796 9522  
[sin-mal@nordsonefd.com](mailto:sin-mal@nordsonefd.com)

The wave design is a trademark of Nordson Corporation  
©2011 Nordson Corporation Performus-GUIDE-01 7023959 v030911

