

Radial Spinner System

An efficient, cost-effective way to apply production fluids inside cylindrical parts



Precise fluid volume and deposit size.

Nordson EFD's radial spinner system makes it easy to apply neat, consistent bands of low- to medium-viscosity fluids inside cylindrical parts between 10 mm and 127 mm (0.4 in. and 5 in.) in diameter.

Compact size and precise control make the radial spinner system ideal for processes where fluid must be applied inside small cylinders or confined to specific locations and kept off surrounding areas. Inert wetted parts make the system ideal for use with reactive fluids like cyanoacrylates and anaerobic adhesives.

The radial spinner system includes a precision dispense valve, air motor, bracket, valve/motor controller, disc assembly and dispense tip. Disks and tips are available in different sizes to meet a wide variety of applications.

During operation, the valve dispenses a controlled amount of fluid onto the spinning tapered disk. As the fluid leaves the edge of the disk, it is distributed as a narrow, even band on the wall of the part.

Features and Benefits

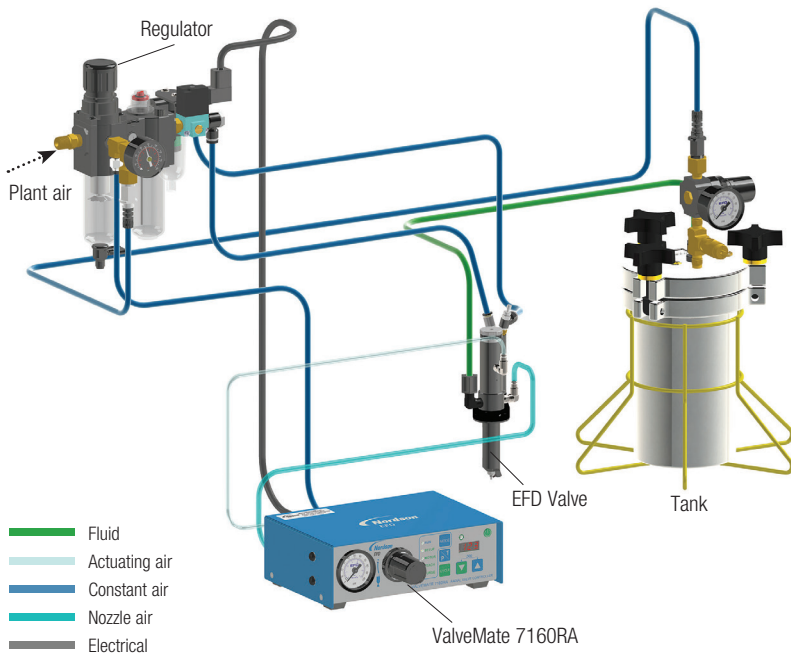
- Applies material in correct amount and location
- Keeps material off unwanted areas
- Eliminates waste, mess and rework
- Improves product performance and appearance
- Low-maintenance design reduces downtime
- Operates in vertical or horizontal position

Part #	Description
7021798	7860C-RS: Radial spinner motor/bracket assembly
7021795	7860C: Radial spinner air motor only



more info





ValveMate 7160RA Controller

The ValveMate 7160RA Controller provides the proper controls required for consistent radial valve operation.

Unique microprocessor circuitry provides precise control of nozzle air, valve open time, and drive motor control solenoid.

Features include digital readout of spray on-time and nozzle air pressure. The 7160RA also includes a programmable shutoff delay and a test cycle button to initiate spray cycles during setup.

- Timed or continuous spray/air motor rotation
- Fast-response pneumatic solenoids
- Easily interfaced with a PLC
- Push-button time setting or one touch time programming

Select Your Controller

See the Valve Selection Guide for the controllers compatible with this valve — www.nordsonefd.com/ValveGuide.

RADIAL SPINNER / DISC ASSEMBLIES

Shaft length is 70 mm (2.75") x 3.18 mm (0.125") diameter

Part #	Description
7021842	7880-9MM: 9 mm (0.354") radial spinner/disc
7021836	7880-12MM: 12 mm (0.473") radial spinner/disc
7021838	7880-15MM: 15 mm (0.590") radial spinner/disc
7021840	7880-19MM: 19 mm (0.745") radial spinner/disc

DISPENSING TIPS

Part #	Description
7021846	18 gauge needle – 30 degree bend 20/box
7021844	Tip kit: Includes (2) each of 18, 21, and 23 gauge bent tips
7021448	Tip adapter: Rotating luer lock tip for 752V valve

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.



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

Global

800-556-3484; +1-401-431-7000
info@nordsonefd.com

Europe

00800 7001 7001
infoefd.europe@nordsonefd.com

Asia

China: +86 (21) 3866 9006; china@nordsonefd.com
India: +91 80 4021 3600; india@nordsonefd.com
Japan: +81 03 5762 2760; japan@nordsonefd.com
Korea: +82-31-736-8321; korea@nordsonefd.com
SEAsia: +65 6796 9522; sin-mal@nordsonefd.com