Radial Spinner System
An efficient, cost-effective way to apply production fluids inside cylindrical parts.

Anaerobics    Cyanoacrylates    Lubricants    Silicone Oils    Solvents

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.

Benefits
• Applies correct amount on every part
• Applies material in correct 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
**7860C-RS Air Motor/Bracket Assembly**
Bracket holds air motor and positions dispense valve at correct angle.

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**Radial Spinner/Disc**
- 7021842 / 7021843 (0.354 in.)
- 7021836 / 7021837 (0.473 in.)
- 7021840 / 7021841 (0.745 in.)

**752V-UHSS Dispense Valve**
Precision diaphragm valve has inert, non-reactive wetted parts. Low-maintenance design has no seals or O-rings to wear out or leak and is rated for 100,000,000 cycles.

**Dispensing Tips**
Precision tips feature EFD SafetyLok hubs for secure attachment and polished 1-1/2 in. stainless steel needles for unobstructed fluid flow.
- 7021846 18 gauge needle — 30 degree bend, 20/box
- 7021846 21 gauge needle — 30 degree bend, 20/box
- 7021850 23 gauge needle — 30 degree bend, 20/box

**7160RA Radial System Controller**
Controls operation of the air motor and dispense valve.

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For Nordson EFD 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

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

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

Singapore: +65 6796 9522
sin-mal@nordsonefd.com

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