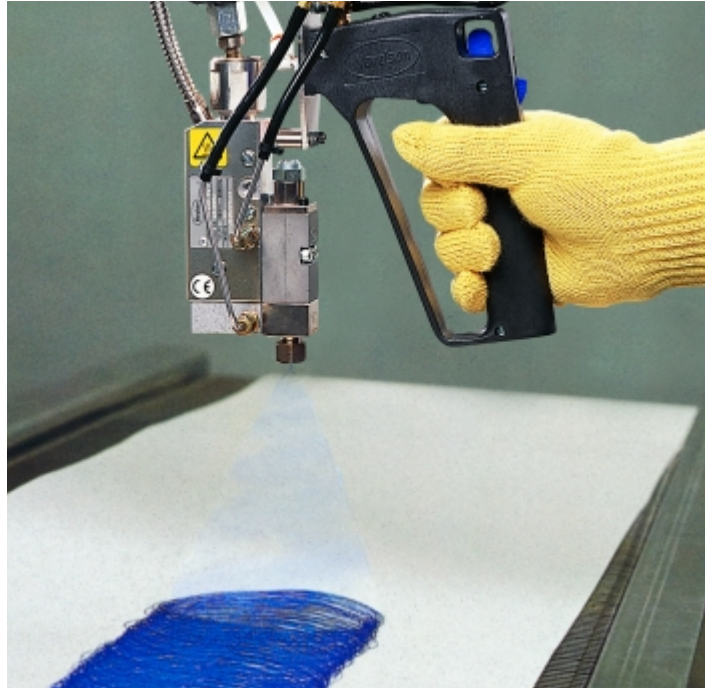


Series FP-200 Hot Melt Dispensing Guns



Ergonomic guns provide operating ease and pattern flexibility for benchtop gluing applications.



Nordson® FP-200 guns minimize physical stress and fatigue when manually applying hot melt adhesives to horizontal substrates. Weight-supported design and ergonomic configuration allow operator to maintain neutral wrist position.

FP-200 guns are ideal for benchtop gluing applications on flat panels in the automotive, appliance and furniture industries. The complete flat-panel gun system includes a FP-200 extrusion or swirl gun, hose and suspension package.

Ergonomic design promotes operator comfort to help increase productivity.

- **Durable suspension package** bears the gun's weight and permits a wide range of horizontal movement.
- **Pivoting swing arm** moves easily left or right and in or out relative to the operator's position.
- **Patented multi-plane swivel** allows 360-degree gun rotation and up to 20-degree angle movement from centerline, reducing wrist stress.
- **Adjustable trigger handle** allows left- or right-hand operation, and auxiliary guide handle permits two-handed use for added control.
- **Light-touch trigger** activates a microswitch in gun handle, providing instant adhesive flow.
- **Thumb safety switch** locks trigger to prevent accidental dispensing.

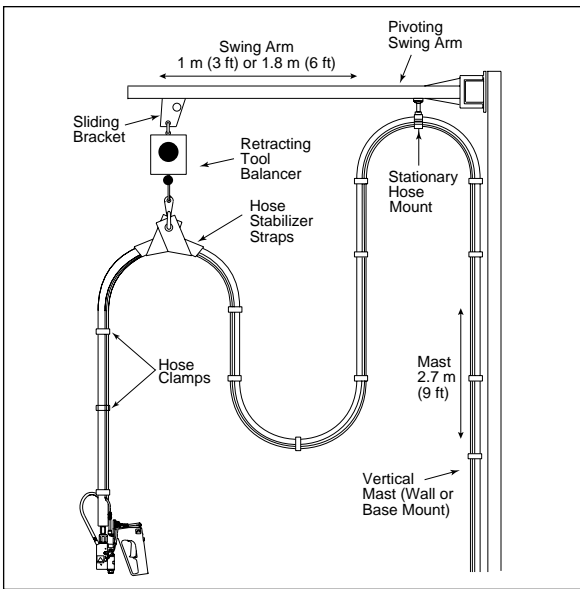
- **Cool-touch handle** contains no heated components or heated flow paths, protecting operator.
- **Integral heat shield** provides insulation that optimizes gun performance in cold or drafty environments and protects operator from hot surfaces.

Design enhances pattern and application flexibility.

- **Selection of modules and nozzles** provides swirl spray or bead extrusion to meet deposition requirements.
- **Patented Controlled Fiberization™ guns (CF®)** permit exceptional control of swirl pattern density and size, yielding narrow and wide pattern versatility without overspray.
- **Bead extrusion guns** accept standard and extended nozzles to meet specific bead placement requirements.
- **Compact body design** optimizes pattern visibility and maneuvering in difficult to reach areas.
- **Conversion kits** are available to modify a standard extrusion gun to swirl and a swirl gun to extrusion (reduced cavity gun conversion not available).
- **Advanced components and design techniques** comply with worldwide approval codes, including CE, UL, CUL and TÜV.



The FP-200 system provides a weight-supported design and ergonomic configuration that help reduce worker fatigue and physical stress.



FP-200 Gun System

Specifications

Pattern Type¹

FP-200 standard	Bead
FP-200 reduced cavity	Bead
FP-200 CF	Swirl
FP-200 CF-WP	Wide swirl

Operating Temperature 230° C (450° F) maximum

Working Hydraulic Pressure 103 bar (1500 psi) maximum

Air Pressure²

Standard and reduced cavity	2.1 to 4.1 bar (30 to 60 psi)
CF swirl and wide pattern	2.8 to 4.8 bar (40 to 70 psi)

Air Consumption 3.2 scfm maximum

Nozzle Orifice Diameters³

FP-200 standard	0.20 to 0.61 mm (0.008 to 0.024 in.)
FP-200 extended extrusion	0.64 to 4.75 mm (0.025 to 0.187 in.)
FP-200 reduced cavity	0.20 to 0.51 mm (0.008 to 0.020 in.)
FP-200 CF swirl	0.20 to 1.27 mm (0.008 to 0.050 in.)
FP-200 CF swirl - wide pattern	0.64 to 1.17 mm (0.025 to 0.046 in.)

Spray Pattern Width⁴

FP-200 CF swirl	6 to 38 mm (0.25 to 1.5 in.)
FP-200 CF swirl - wide pattern	25 to 152 mm (1 to 6 in.)

Electrical Service 220-240 VAC, 50/60 Hz

¹ FP-200 guns are compatible with most Nordson melt units, both RTD and thermostatic-based technology. Compatible units include PA-2500, Series 3000, Series 2300, Series 5000 and FM150 units.

² Recommended range. Dry, regulated, unlubricated air required for consistent gun operation. Module performance and durability will be negatively affected if operated outside the recommended range. Volumetric air requirements will vary with gun configuration and application.

³ Order nozzles separately for standard extrusion guns. For reduced cavity guns, specify nozzle diameter with gun purchase, as nozzle is an integral component of RC module.

⁴ Maximum achievable swirl pattern width depends on adhesive being dispensed.



For more information, talk with your Nordson representative or contact your Nordson regional office.

United States

Duluth, Georgia
Telephone: (800) 683-2314
Facsimile: (770) 497-3733

Canada

Markham, Ontario
Telephone: (800) 463-3200
Facsimile: (905) 475-8821

Europe

Lüneburg, Germany
Telephone: (49) 4131-894-0
Facsimile: (49) 4131-894-149

Japan

Tokyo, Japan
Telephone: (81) 3-5762-2700
Facsimile: (81) 3-5762-2701

Asia/Australia/

Latin America
Amherst, Ohio
Telephone: (440) 985-4496
Facsimile: (440) 985-1096

www.nordson.com



When you expect more.[®]

Nordson Corporation • 11475 Lakefield Drive • Duluth, Georgia 30097