



PERFORMANCE  DEMAND

Encore® XT

Manual Powder Spray System



Coating Control and Flexibility

The Encore manual powder spray system is packed with features to provide unsurpassed operator control, coating capability and ease of use for an unprecedented level of coating performance on-demand.

System features include:

- **On-Gun* controls and display**
- **One-hand powder flow adjustment or preset selection**
- **All-digital gun control interface**
- **Delivers 100,000 volts for maximum first-pass transfer efficiency**
- **Nordson patented Select Charge® technology**
- **True, closed-loop powder flow control**
- **Vibratory box or hopper feed**
- **High-efficiency pump**

**patent pending*



Encore Manual Spray Gun

Ergonomically engineered to fit like a glove, the Encore spray gun is the lightest and best-balanced gun on the market, making the painter's job easier for more consistent and repeatable coating performance.

The all-new gun design also improves reach into part cavities, and improves maneuverability around and between densely racked parts. The Encore gun also incorporates a PowerPurge feature, another Nordson exclusive, which cleans the powder path from the base of the handle through the entire gun, preventing powder build-up for optimum spray performance. What's more, quick-disconnects on the delivery hose and nozzle retainer enable fast, easy replacement for routine cleaning and color change.



PERFORMANCE **ON** DEMAND



Make Adjustments on the Fly

Right at your fingertips and without taking your eyes off the part, the Encore manual spray gun gives you the control you need for the quality you demand.

On-Gun controls with large, bright LED display and helpful lighted icons – combined with a Nordson exclusive auxiliary trigger – let you know exactly what gun settings have been selected at all times. Use it to spray any organic coating material, including textures and even the most challenging metallics.

Encore's digital, closed-loop powder flow control is automatic and provides greater repeatability for consistent and highly efficient coverage, part after part. Coating parameters for voltage and current limit can be preset either individually or predetermined using Nordson's patented Select Charge® technology settings... for recoating, metallics or cavities. Electrostatic and pneumatic settings can be combined in up to 20 presets to help optimize your coating operation for any part configuration and consistent, repeatable coating coverage.

Mode Selection button selects between powder flow control and preset control for up to 20 presets.

Gun Purge button with PowerPurge completely cleans the powder path from the base of the handle through the entire gun for optimum performance with even the most difficult-to-spray powders including metallics.



Easy-to-read brilliant blue LED display indicates values in each mode – letting you know exactly where you are at all times.

Auxiliary Trigger works in conjunction with either mode. Or can be configured as the Gun Purge trigger for coating operations not requiring changes to powder flow or preset at the gun.

Encore Control System

The innovative Encore control unit is unlike any other on the powder coating market today. Primary electronic and pneumatic components reside in one enclosure, and an incredibly compact operator interface panel in another.

Large, brilliant blue LED displays and helpful lighted icons.



Buttons for parameters you want to set or adjust... LED display on button indicates parameter is selected.

Fast-acting rotary knob for quick 'dial-in' to setting value.

Powerful Performance Package of Encore® Control System:

Select Charge® Controls – for pre-programmed electrostatic settings for recoating, metallics, or cavities.

Classic Electrostatic Control – allows users to select between either KV or AFC mode.

Custom Electrostatic Control – allows users to adjust both KV and AFC mode independently.

Classic Flow Control – for independent control of both flow air and atomizing air.

Smart Flow Control – for simplified control of both flow air and atomizing air as a function of total flow.

Digital Closed-Loop Flow Control – automatically compensates for variations in incoming air pressure by providing consistent flow air to the pump – thus eliminating variations in powder output and resulting film build.

Preset Control – for selection of up to 20 presets including any combination of flow and electrostatic controls for precision parameter control of any powder for any part.

Flexible Unit of Measurement – for setting flow air in either SCFM or M³/HR.

Function Codes – allow for even more precision control of various gun, pump, and system parameters such as electrostatics, flow air, unit display, and many others.

Self Diagnostics – in the form of help codes, the controller identifies specific parameters making troubleshooting easy and effortless.

Compact Pump Delivers More

The compact, highly efficient Encore pump has been engineered for better performance on demand than ever before in a conventional powder coating system. Using less compressed air, the pump delivers more powder to the part, resulting in a much softer spray pattern that consistently delivers higher first-pass transfer efficiency and quality finishes you expect – and your customers demand.

- Provides more powder with less compressed air – for higher performance and savings
- Lower velocity at the gun – for more powder on the part, on the first pass
- Fewer parts – for lower operating costs
- Lower velocity at the pump – for less wear and longer life
- Quick-Turn Throat Retainer – for quick and easy routine cleaning and inspection of pump throat



5¹/₂ Warranty
5-YEAR WARRANTY ON NON-WEAR PARTS.
2-YEAR WARRANTY ON CABLES.

Several Options Available

The Encore Mobile Powder Spray System provides ease of mobility around the plant. It is collapsible for compact storage or transport. The Encore system ships pre-assembled so that any additional connections such as air and power are minimal.

Choose between two vibratory box feeders in either 110- or 220-volt versions, and two different stainless-steel fluidized hoppers of 11 kg (25-lb.) or 23 kg (50-lb.) capacities to best suit your specific powder coating needs. For use as a stationary system, the Encore system is available as a packaged unit of gun, controller and pump only.

The Encore Mobile Powder Spray System is virtually plug-and-play making it a snap to set-up and spray right away – for performance on demand.



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

United States
Amherst, Ohio
+1.800.433.9319 Phone
+1.888.229.4580 Fax

Canada
Markham, Ontario
+1.905.475.6730 Phone
+1.800.463.3200 Phone
+1.905.475.8821 Fax

Europe
Erkrath, Germany
+49.211.9205.141 Phone
+49.211.9252.148 Fax

Japan
Tokyo, Japan
+81.3.5762.2700 Phone
+81.3.5762.2701 Fax

China
Pudong, Shanghai
+86.21.3866.9166 Phone
+86.21.3866.9199 Fax

**Asia/Australia/
Latin America**
Amherst, Ohio
+1.440.985.4000 Phone
24-hour message service:
+1.440.985.4797

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Nordson Corporation
300 Nordson Drive
Amherst, Ohio 44001, USA

+1.440.985.4000
nordson.com

