Encore[™] **Manual Powder Spray System**





Smart Controls and Digital Closed-Loop Flow Control

Encore Controls are easy to use and provide greater flexibility — all with closed loop digital flow control. Nordson's Select Charge® Controls provide pre-programmed KV and micro-amp controls for recoating, metallics, and cavities.

- Select Charge® Controls for pre-programmed electrostatic settings for recoating, metallics, or cavities.
- Classic Electrostatic Control lets you select between either KV or AFC mode.
- Custom Electrostatic Control lets you 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.

- 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 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 for even more precision control of various gun, pump, and system parameters such as electrostatics, flow air, unit display, and many others.
 - Self Diagnostics "help codes" controller identifies specific parameters making troubleshooting easy and effortless.



Compact Pump Design

The highly efficient Encore pump provides more powder with less compressed air. This means more powder at the gun with less velocity for higher first pass transfer efficiency and more powder on the part.

- Higher performance and savings.
- · Lower operating costs.
- More powder on the part, on the first pass.
- Less wear.
- Quick Turn Throat Holder Nut for quick and easy inspection of pump throat.

Flexibility and Portability in Plug and Play Design

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.

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.**

System Specifications

Mobile Powder Spray System

Height: 108.2 cm (42.6 in.) Width: 53.65 cm (21.1 in.) Depth: 82.59 cm (32.5 in.) Weight: 56.7 kg (125 lbs)* *VBF system without powder

Manual Gun

Height: 25.4 cm (10.00 in.) Length: 33.8 cm (13.30 in.) Reach: 20.5 cm (8.07 in.) Weight: 475 gm (16.75 oz.)

Cable Lengths

6 meters (20 ft.) gun cable 6 meters (20 ft.) cable extension

Operator Interface

Height: 19.7 cm (7.79 in.) Width: 21.1 cm (8.34 in.) Depth: 8.9 cm (3.54 in.) Weight: 2.09 kg (4.6 lbs)

Power Unit

Height: 16.6 cm (6.54 in.) Width: 28.8 cm (11.34 in.) Depth: 21.0 cm (8.27 in.) Weight: 8.16 kg (18 lbs.)

Input Voltage

85-250 VAC, 1 Phase, 50-60 Hz

Output Voltage 0-18 VAC

Input Air Pressure (Min – Max)

6.0 – 7.6 Bar (87-110 PSI)

Typical Air Consumption

Pump and Fluidizing 60 L/M (2.1 SCFM)

Air Filtration

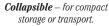
5 Micron filter included Supply air must be clean and dry

P/N	Description
1084513A	Encore Mobile Powder Spray System with 2200V VBF
1084512A	Encore Mobile Powder Spray System with110V VBF
1084514A	Encore Mobile Powder Spray System with 50 lb Hopper
1084515A	Encore Mobile Powder Spray System with 80 lb Hopper
1084517A	Encore Mobile Powder Spray System with 25 lb Hopper
1082844A	Encore Wall Mount Powder Spray System
1082843A	Encore Rail Mount Powder Spray System















Nordson reserves the right to make design changes to products to improve their function.

These changes may occur between printings.

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

United States

Amherst, Ohio Telephone: 1.800.626.8303 Facsimile: 1.888.229.4580 Web: www.nordson.com/powder E-mail: powder@nordson.com

www.nordson.com

Canada

Markham, Ontario Telephone: 1.800.463.3200 1.905.475.6730

Facsimile: 1.905.475.8821

www.nordson.ca

Europe

Erkrath, Germany Telephone: 49.211.9205.0 Facsimile: 49.211.254658 E-mail: info@de.nordson.com

Japan

Tokyo, Japan Telephone: 81.3.5762.2700 Facsimile: 81.3.5762.2701 E-mail: ppa.dm@nordson.co.jp

www.nordson.co.jp

Asia/Australia/Latin America

Amherst, Ohio

Telephone: 1.440.985.4000 24-hour message service: 1.440.985.4797

E-mail: intcustomerservice @nordson.com

