

# Encore® Porcelain Enamel (PE)

Manual systems



## Combine proven performance with advanced design for the high-efficiency application of porcelain-enamel powder coatings.

The Encore® PE manual powder coating system is designed for rugged, everyday use. The Encore PE system is durable, easy to use and service, and offers superior transfer efficiency. It also provides superior overall coating performance for producing the highest quality finished products at an affordable price.

### Encore PE manual gun

The Encore PE spray gun has the best weight/balance combination available, at less than 711g. The manual gun offers an ergonomic design, making the painter's job easy. In addition, the gun design optimizes the reach into part cavities, and improves maneuverability around and between densely racked parts. The PowerPurge\* technology is pioneered by Nordson, and is a feature that operators now insist upon.



### Features and benefits

- **Builds upon and enhances the proven industry-leading designs and application performance of their predecessor** – Vantage® PE guns.
- **A 100,000 kV voltage multiplier** delivers first-pass transfer efficiency, surpassing previous PE generation guns.
- **Positively retained deflector and locking pattern adjustment sleeve** provides consistent, repeatable spray performance.
- **Electrode air wash** keeps the gun charging electrode clean, maximizing electrostatic charging efficiency and preventing surface finish defects.
- **Specially engineered materials** for powder contact parts in the Encore PE gun and pump are designed specifically to maximize spray performance and wear life.
- **Easy disassembly for routine cleaning and maintenance** – completely field repairable.
- **Robust handle, trigger and cable design** – withstands the constant gun movement associated with manual painting and provides easy serviceability, if required.
- **Auxiliary PowerPurge trigger** – cleans the powder path from the base of the handle through the nozzle, preventing internal powder build-up to provide optimum spraying performance with a wide variety of powder materials.
- **Commonality of parts between the Encore PE auto and manual guns provide consistency** when switching operations and minimizes inventory.



## Encore® PE pump

As with the Encore PE guns, the Encore PE pump builds upon proven prior-generation technology for porcelain-enamel powder, with improved design for increased operating efficiency.

Compared to its predecessor, the Nordson 100 Plus PE pump, **the Encore PE pump delivers up to 30 percent more powder** at comparable compressed air settings.



## All-digital, easy-to-use control unit with optional parts tray

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- **Parts tray** – for quick, easy access to often-used alternate nozzles, spare pump throat for quick change out, and other components.



## Optional nozzles and ion collector

Optional straight and angled flat-spray nozzles enable highly directional spray patterns for efficient, effective coating coverage on specific part areas, such as returns on washer and dryer panels and other flatware, and interior corners of oven cavities. An optional ion collector, designed to assist in controlling finish appearance, is also available.



## Available configurations

The Encore PE powder spray system is available in a 50-pound fluidized hopper mobile version to provide ease of mobility around the plant and in a rail-mount version for fixed installations. The Encore PE system is plug-and-play, requiring only few connections, such as air and power, for quick, easy installation. Set-up is also quick and easy, so you can be powder coating like an experienced operator effortlessly.

### Technical specifications

#### Encore PE manual gun

<b>Length</b>	13.83 in (35.1 cm)
<b>Height</b>	10.39 in (26.4 cm)
<b>Width</b>	2.40 in (6.1 cm)
<b>Weight</b>	1.57 lbs (711 grams)

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## Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

### Nordson Industrial Coating Systems

100 Nordson Drive  
Amherst, OH, 44001  
USA

**Phone:** +1.440.985.4000  
**www.nordson.com/ics**

/Nordson\_Coating /NordsonICS

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