

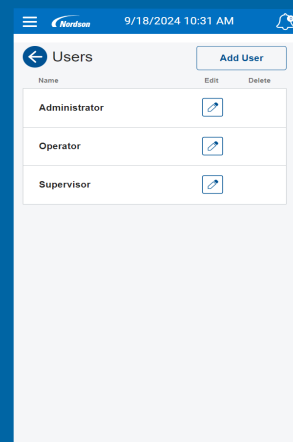
Create and save recipes with ease

### All-digital, easy-to-use control unit

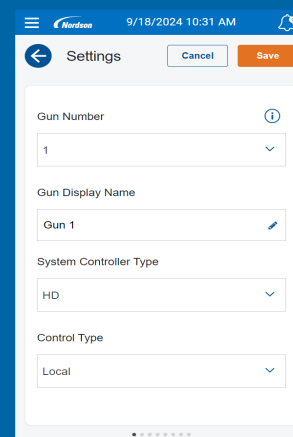
The Encore® touchscreen gun control unit is very easy to use, while offering all of the capability for maximizing coating control, part coverage and efficiency. Its simple, user-interface make it easy to adjust and monitor all of your electrostatic and pneumatic settings. The extensive list of Encore® control unit features include:

- **Patented Select Charge® technology** – choice of pre-programmed coating modes with proven pre-set electrostatic parameters for coating deep cavities, recoating and spraying metallic powders
- **AFC (automatic feedback current) control** – automatically ensures optimum electrostatic charging voltage based upon gun-to-part distance
- **Unique user profiles**– can be set up with customizable permissions levels
- **Easy to find advanced features and settings and seven languages** – available to choose from, that can be individually set for each user profile
- **Closed-loop air pressure control** – delivering precise, repeatable powder output regardless of fluctuations in plant air pressure
- **Classic air pressure control** – independent control of flow and atomizing air
- **Compatible with both Venturi or HDLV Pump Technologies**
- **Customizable activity and maintenance logs** – to highlight critical service intervals and any process changes over time

The clear intuitive user interface makes it easy to find controller settings, activity logs, and create over 100 customizable recipes.



User level permissions with both standard and customizable options



View activity logs and track changes to process or settings overtime



# Encore® Manual Spray System

HDLV® and Venturi Compatible

### 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 Solutions

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Performance by design



Performance by design







## Proven gun performance. Exceptional versatility and control.

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

### Encore® VT gun features include:

- **Proven performance** – helps painters achieve the most efficient, consistent part coverage and highest finish quality
- **100,000 volts** – delivering maximum first-pass transfer efficiency
- **Robust handle, trigger and cable design** – withstands the constant gun movement associated with manual painting, and assures easy serviceability when required
- **Auxiliary Power Purge trigger** – cleans the powder path from the base of the handle through the nozzle, preventing internal powder build-up to ensure optimum spraying performance with a wide variety of powder materials

### Encore® HD gun features include:

- **Faster powder deposition** – at speeds nearly double that of Venturi systems
- **Higher transfer efficiency** and uniform spray patterns with all powders, even the most challenging materials
- **On-gun controls** – for fast easy adjustment
- **Highly durable lance extensions** – for fast color-change environments
- **100,000 volts** – delivering maximum first-pass transfer efficiency



## Compatible with both Venturi and HDLV Technology

The compact, highly efficient Venturi pump is uses less compressed air, to deliver more powder to the part, resulting in a much softer spray pattern that consistently delivers higher first-pass transfer efficiency.

- **More powder output with less compressed air** – for higher performance and energy savings
- **Fewer parts** – for lower operating costs
- **Lower velocity at the pump** – for less wear and longer life
- **Quick-turn throat retainer** – for quick, easy routine cleaning and inspection of pump throat



The powerful HDLV® (High Density Low Velocity) pump delivers more powder, using less air resulting in the highest application efficiency with soft spray pattern

- **Powder output stability and process control** – for uniform coating thickness and significant powder savings
- **Superior coverage** – of recessed areas through optimized spray velocities
- **Patented clear housing** – provides visibility to valves during operation
- **Contamination free color change** – of the entire spray system due to an automated purge



## Available in a variety of configurations

The Encore® manual powder spray system is available in configurations to support any manual coating operation. With versatility at the forefront, this system is available as a stationary mount or as a mobile unit containing a standard vibratory box feeder with both 115 and 230 volt compatibility.

The Encore® manual spray system is plug-and-play, only requiring common compressed air and power connections for quick, easy installation. Set-up is also quick and easy, you can be powder coating like an experienced operator almost immediately.

A variety of options are available for use with the Encore® manual spray system to suit your specific coating needs, including:

- **Wide variety of nozzle sizes and types** – help you tailor the spray patterns to specific part geometries, for more efficient part coverage and powder material utilization
- **Parts tray** – for quick, easy access to often-used alternate nozzles, spare pump throat for quick change out, and other components
- **150 mm and 300 mm (6" and 12") lance extensions** – for extending the gun's reach when coating large parts
- **Encore® cup gun kit** – perfect for laboratory use, new color sample testing or low-volume, fast-changeover multiple color applications



## Easy maintenance

The Encore® manual spray gun is completely field-serviceable. Its quick-turn nozzle retainer speeds nozzle removal for changing nozzle sizes or types, routine cleaning and color change.



Easy maintenance with fewer parts



Power Purge trigger

\*Patent pending

