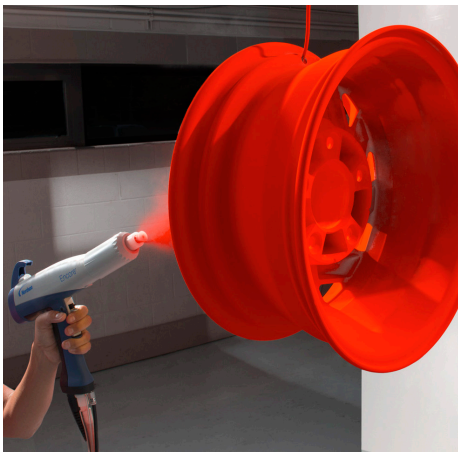


Encore® LT Manual Powder Spray System

Highest first-pass transfer efficiency, exceptional versatility and ease of use produce superior results for everyday manual powder coating.

Nordson







Proven gun performance. Exceptional versatility and control.

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

Manual painting made easy

The Encore LT spray gun is the lightest and best-balanced gun available today, with an ergonomic design that makes the painter's job easier. It incorporates PowerPurge*, first introduced by Nordson, and a feature that operators now insist upon. The gun design also optimizes reach into part cavities, and improves maneuverability around and between densely racked parts.

Encore LT 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 PowerPurge 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



PowerPurge trigger



Handle design provides easy access to powder path, gun trigger and cable

Easy maintenance

With fewer parts and an innovative design, the Encore LT gun is completely field-serviceable. Its quick-turn nozzle retainer speeds nozzle removal for changing nozzles sizes or types, routine cleaning and color change. The quick-disconnect delivery hose also speeds cleaning and color change. And the gun's new handle design makes access to the powder path, trigger switch and cable easier than ever.



Easy maintenance with fewer parts

*patent pending

Compact Pump Delivers More

The compact, highly efficient Encore pump is engineered for excellent performance. 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.



Compact pump uses less air, delivering more powder to the part

- **More powder output with less compressed air –** for higher performance and energy 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, easy routine cleaning and inspection of pump throat

Available in a Variety of Configurations

The Encore LT powder spray system is available in configurations that provide ease of mobility around the plant. Designed with versatility in mind, the Encore LT is available in vibratory box feeder or fluidized hopper mobile systems. Choose between two vibratory box feeders – either 110- or 220-volt versions – or a stainless-steel fluidized hopper with 23 kg (50-lb.) capacity to best suit your specific powder coating needs.

Whichever mobile system configuration you choose, the Encore LT system is plug-and-play, requiring just connections such as air and power for quick, easy installation. Set-up is also so quick and easy, so you can be powder coating like an experienced operator almost immediately.

The Encore LT is also available in wall- or rail-mounted configurations for fixed installation.
A variety of options are available for use with the Encore LT system to suit your specific coating needs, including:



Optional parts tray provides easy access to alternate nozzles and other components

- **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
- **300 mm and 600 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



Available with Encore cup gun kit, which is perfect for lab use, testing or short runs

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



Available in your choice of fluidized hopper or vibratory box feeder mobile system to meet your application needs

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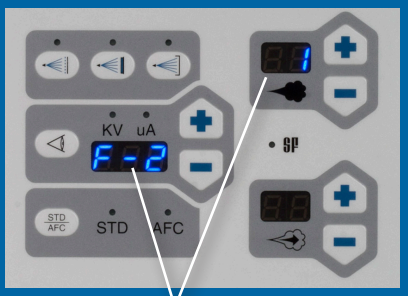
New all-digital controller is easy-to-use with bright-blue LED displays

New, all-digital, easy-to-use control unit

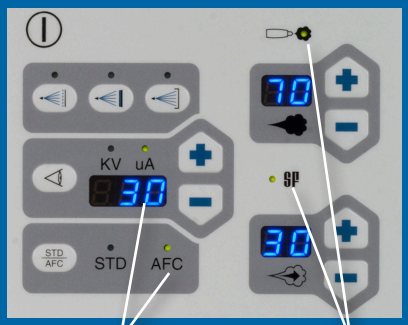
The new Encore LT all-digital gun control unit is very easy to use, while offering all of the capability for maximizing coating control, part coverage and efficiency. Its simple, touch pad layout, lighted icons and large, brilliant-blue LED displays make it easy to adjust and monitor all of your electrostatic and pneumatic settings. The extensive list of Encore LT 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 controls optimum electrostatic charging voltage based upon gun-to-part distance
- **Classic electrostatic control –** allows users to select either kV or AFC operating mode
- **Custom electrostatic control –** total flexibility to set kV and AFC independently
- **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
- **Smart Flow air pressure control –** enables you to adjust powder output as a function of total flow, without affecting spray velocity once set
- **Function Codes –** provide flexibility of electrostatic, pneumatic and overall system control

Unmatched flexibility in choice of electrostatic, pneumatic and overall system operating modes

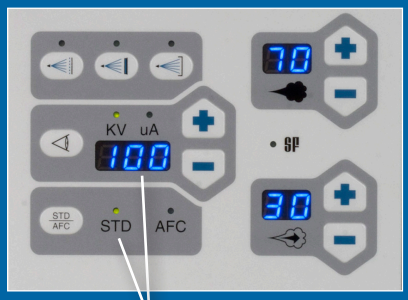


Function “2”, value “1” selects operation with a vibratory box feeder

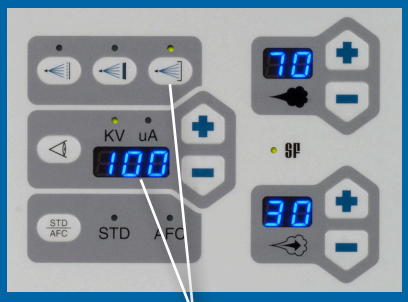


AFC mode, viewing current limit set point

Green LEDs indicate Smart Flow mode, gun triggered on



Standard mode, viewing kV set point



“Deep Cavity” Select Charge mode, viewing kV set point

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