

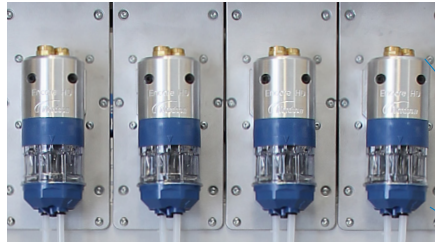
Encore® HD Pump Cabinet

Process control for production consistency



All-in-one next generation dense-phase powder pump cabinet and manifold assembly

Encompassing Encore HD dense-phase pumps that deliver consistent first-class application quality, and fully integrated manifolds with built-in regulators that support easy maintenance routines, this compact and robust enclosure is for use standalone or integrated within a Spectrum HD Powder Feed Center.



Features and benefits

- **Available for all Encore HD pump versions:** HD, HD+, XD.
- **Integrated high visibility blue LED light indicates gun triggering and color change** as well as allowing easy inspection of the pump's pinch-valves.
- **Simplified connections and hose routings** with a secure close-coupled manifold.
- **Capacity for up to 18 pumps on a single rack** – also suitable for ultra-low gun counts used in robot applications and color-on-demand technology.
- **Clean and clutter-free industrial enclosure** – compact and easy access design for simple installation, maintenance access and smart dress out.

Powering perfect powder coating

- Encore HD pumps use our patented High Density Low Velocity (HDLV) technology for consistent powder coating performance, every day.
- Each pump delivers linear powder output and control, removing the guesswork and variables of the process, simplifying production set-up and adjustments, for quality you can rely on.
- Low velocity, softer spray improves first pass transfer efficiency and penetration.
- Self cleaning design makes color changes reliable, fast and easy for operators of any proficiency.
- Standard delivery of up to 600 g/min and up to 750 g/min with HD+ version.
- Smart design supports easy and simple maintenance for minimum downtime and the lowest operating costs.
- Three options available: HD for standard flow, HD+ for high flow rates and XD for heavy duty or abrasive powders such as porcelain enamel.



Encore HD pumps in-situ



The greater the control, the greater the quality and savings

Central to dense-phase technology benefits are our patented Encore HD pumps, which deliver a high concentration of powder and use very little air. They operate much differently than traditional venturi pumps which use high velocity air, that – when coupled with abrasive powders and/or high powder output rates – cause them to wear over time, becoming less efficient and consistent. Venturi pumps can also wear at different rates, requiring frequent individual adjustments to the gun settings to achieve consistent coating quality.

Encore HD pumps do not use venturis, so the powder output stays consistent over time. Not only does this offer genuine process control, it leads to a more accurate and uniform film thickness. By using Encore HD technology, uncontrolled variables are removed from the coating process, leading to a long-lasting increase in quality.



Encore HD Pump Cabinet technical specifications

| Dimensions h/w/d | Weight (18 pump rack) | Supply air hose | Air consumption per gun (typ) | Electrical |
|---|-----------------------|-----------------|---|--|
| Height: 78 in (1980 mm) Width: 30 in (760 mm) Depth: 22.05 in (560 mm) | 624 lbs (283 kg) | 1" NPT / 1" JIC | Encore HD: 3 scfm (5.1 m ³ /hr)* | Input: 100-250 VAC, 1 phase, 50/60 Hz, 450 VA Max Output: +/- 19 VAC, +/- 1.0 A |

*23 scfm (39 m³/hr) instantaneous for color change @ 100 psi input pressure

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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.

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