



Encore[®] HD Pump

Unmatched efficiency
and productivity

Performance by design

 **Nordson**

Powering perfect powder coating

Maximize productivity in your powder line using precision process control with our Encore® HD pump using the HDLV technology.

Encore HD pumps are built to deliver a consistent powder output which doesn't reduce over time through component wear. So instead of a gradual decline in finish, you will get the precision results at every point of every service cycle; whether working with standard volumes, high volumes or even abrasive powders such as porcelain enamel.



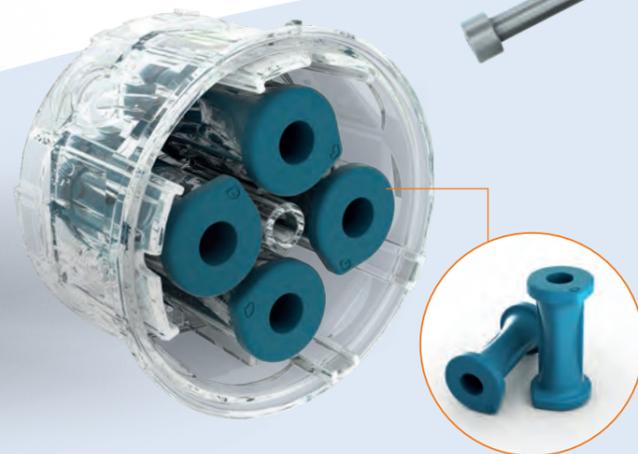
Increased productivity, whatever the challenge

The Encore HD pumps use HDLV® Technology with High Density powder, Low Velocity air to pump more powder to the spray gun with a minimum of air, and maximum process control and are a core element of the full powder coating system solution.

This results in superior efficiency, unmatched coverage, and reliable self-clean color change, boosting productivity and reducing operating costs.

With more than 15 years of field-proven experience in the most challenging applications and with over 1,000 global installations, Nordson remains at the cutting edge of dense phase pump technology in the powder coating industry.

Improve your productivity and profitability with Encore HD.



Encore HD pump uses pinch valves and no venturis and is built to deliver a consistent powder output without any component wear. This offers genuine process control and leads to a more accurate and uniform film thickness.

Superior Technology – Significant Savings

- Powder output stability and process control, for precise applied coating thickness and significant powder savings
- Highest application efficiency with soft spray pattern
- Superior coverage of recessed areas through optimized spray velocities.
- Over a long period of maintenance-free pump operation for minimum operating cost and maintenance downtime
- Contamination free color change of the entire spray system due to an automated purge clean system.



Upgrade to gain competitive edge

- Self cleaning design makes color changes fast and easy for operators at any level of proficiency
- Standard delivery of 450 g/min standard and up to 750 g/min with high flow kit
- One screw design allows fast, easy servicing for minimum downtime
- Components utilise keyed design and are self-aligning to eliminate assembly errors

Pioneers
of dense phase
technology

since 2004

The Powder Coating Equipment Solution

Our powder coating equipment – as flexible as your customers' requests: Efficient operations, short set-up, and fast color changes will help you to achieve up to 65% greater productivity.

- **ColorMax® 3 Powder Coating Booth** specially designed for fast color change. It enables quality improvements, reduces downtime and increases your production.
- **Spectrum® HD Powder Feed Center** for fast, clean color change. The clean coating environment and optimum powder handling conditions offer complete production confidence, while reducing operator interaction.
- **PowderPilot™ HD Application Controller** delivers precision digital control for your paint line - managing application, powder management and spray booth functions from a simple icon driven touch screen.
- **Encore® HD Automatic Spray System** provides repeatable performance and high deposition rates for highly efficient powder application.
- **Encore® HD Manual Powder Coating System** makes manual coating easy. Perfectly balanced at 530 g they are also light and comfortable for an operator's hand. For batch coating, pre- or post-touch ups.
- **Dynamic Contouring Movers** deliver superior coating performance by automatically adjusting the position of each spray gun to the product's geometry – and all this without any programming.

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Why choose Nordson

With almost 50 years' experience designing and building innovative powder coating solutions, Nordson delivers outstanding products, expertise, and customer service to manufacturers worldwide. Our customers trust us to develop and deliver the best solutions to their most demanding powder coating needs. Nordson helps customers reach new levels of production while working more accurately, efficiently and competitively than ever.

Manufacturers who demand quality, rely on Nordson.

Performance by design

Proven to perform in over 1,000 installations

The best testimony to the performance of our dense-phase systems come from customers with the highest production standards.



Our Nordson Encore HD system operates for 10 hours per day, 5 days per week. Since installation we have only had to maintain one pinch valve in one of the HD pumps. That's over 4,000 hours of maintenance free pump operation.

Andrew Emmerson, Salop Powder Coating Ltd.



Compared to our previous system with venturi pump technology, with the Nordson dense-phase technology we have powder material savings of around 30%. Throughout our 3-shift operation we coat consistently a film thickness of $80\mu \pm 10\mu$, which is important for the functionality of our lifting columns.

Kim Paulsen, Powder Coating System Operator, Linak Profiles A/S



We took a look at several systems, conducted tests, and decided on dense phase technology from Nordson. It impressed us with its high performance and its coating quality.

Markus Pape, General Manager, Oberflächentechnik Lönningen GmbH & Co.KG

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