



# Spectrum<sup>®</sup> *HD* Powder Feed Center

Lean Process Control ... Clean, Efficient and Precise

*Performance by design*

**Nordson**



# Clean, Efficient, Precise

**A Complete Powder Management and Application Solution**



## **Closed-loop powder management system**

Ensures powder containment during operation and colour change for a cleaner, safer, more productive environment.



## **Automated self-cleaning process**

Consistently delivers the highest quality, fastest colour changes – any operator, any day, any shift – same results.



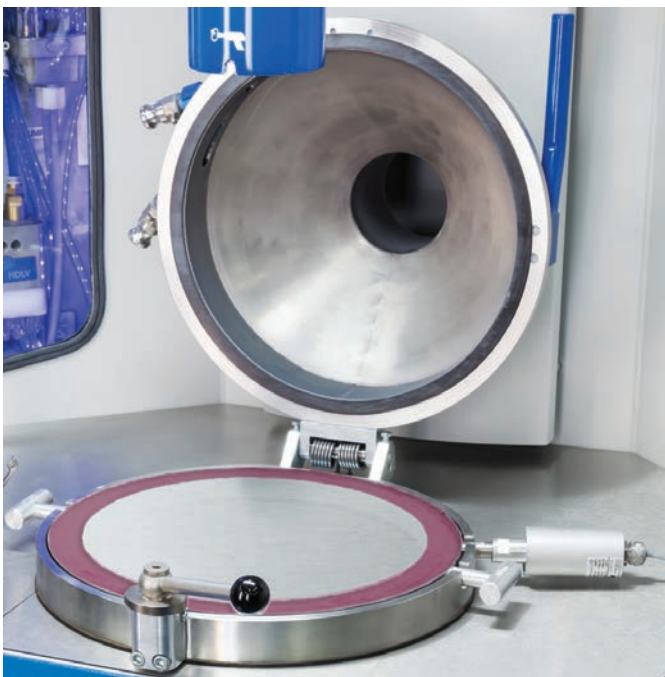
## **Integrated dense-phase pump technology**

Precision dispensing for consistent coating results. Significant powder material savings with minimum maintenance and downtime.

## Spectrum® HD Powder Feed Center

The cleanest coating environment and optimum powder handling conditions offer complete production confidence, while reducing operator interaction.

- Full internal visibility for high colour change quality
- Exclusive cylindrical powder hopper design, with centrifugal high pressure cleaning, cleans automatically with no corners or areas for powder to hide.
- Reduced operator interaction through automated powder feed, direct from the manufacturers box to the powder hopper.
- All powder management and system controls are consolidated in one place, reducing factory footprint and enhancing operator ergonomics.
- High capacity ultrasonic sieve, fitted as standard, automatically conditions reclaimed and fresh powder, for the highest finish quality.



## PowderPilot® HD Application Controller Advanced Control

### Powder coating plant process control

PowderPilot HD delivers precision digital control for your paint line – for easy access to all powder application and booth operating parameters.

Fully integrated with the Spectrum HD Powder Feed Center, the simple, icon driven, colour touch-screen controls all aspects of the powder coating process; including spray gun air and electrostatic settings, gun movers, gun triggering and the colour change sequence.

- Enjoy production consistency through automation of plant settings and reduced operator skill dependence.
- Consolidate all functions and manage your coating from one easy to use centralised industrial touchscreen.
- Integrated network connectivity for production data collection, system status monitoring and remote diagnostics.
- Achieve optimum performance with the broadest range of products and powders – 10,000 customisable programs.

## With Integrated Dense-Phase Technology



Spray Gun Range



HDLV® Gun Pump



HDLV® High Capacity Pump

## What is Dense-Phase Technology?

Nordson's patented HDLV® pumps use dense-phase 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.

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

With more than 10 years of field-proven experience, Nordson remains at the cutting edge of dense phase pump technology in the powder coating industry.

- 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 optimised spray velocities.
- Up to 4,000 hours wear life of the internal pump components significantly reduces maintenance downtime for maximum productivity
- Contamination free colour change of the entire spray system due to an automated purge clean system.

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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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