



# ColorMax<sup>3</sup>

Engineered for fast colour change



## ColorMax<sup>®3</sup>

### Highly efficient Recovery

With recovery efficiency of over 95%, and convenient access inside the cyclones and connecting duct, twin-cyclone technology has proven itself at hundreds of installations worldwide. Colour changes of less than 10 minutes are routinely achieved by Nordson customers.

The booth floor is made of durable Apogee<sup>®</sup> composite material, and is automatically purge-cleaned for no powder accumulation inside the booth.

Proven air-intake design creates soft down-draft airflow for high powder application efficiency and reliable over-spray containment.

Designed specifically for the highest quality colour change, this compact system is configurable to your specific requirements.

Convenient doors on cyclones and connecting ducts for easy access and high colour change quality.

## Spectrum<sup>®</sup> HD

### Clean Operation, fast colour change

The newest feed centre creates a clean operating environment, eliminates waste, and significantly automates the colour change process. Both the spray systems and the powder feed hopper are automatically purge-cleaned, utilizing unique features of Nordson HDLV<sup>™</sup> pumps.

With full, post-colour-change visibility of all internal surfaces, the Spectrum HD powder hopper follows Nordson's proven "if you can see it – you can clean it" approach to fast colour change systems design.

The Spectrum HD powder feed centre offers fast, highly automated colour change in a simple, compact and easy-to-operate system which can be combined with Nordson fast colour change booths, or integrated into your existing system.

The hopper is automatically filled with powder straight from the supplier's box with no need for extra handling and no risk of spillage – minimum operator intervention is required.

The finish quality of your products is improved thanks to the high capacity ultrasonic sieve, integrated into Spectrum<sup>™</sup>HD for screening both fresh and reclaimed powders.



Full visibility of all internal surfaces after the automated color change.





## Encore<sup>®</sup> HD Powder Application System

### Significant powder savings

Nordson Encore<sup>™</sup>HD powder spray systems combine advanced electrostatic control with revolutionary dense-phase pump technology for greater application efficiency and significant powder coating savings. With over 4,000 hours of operation without replacement parts, HDLV pumps precisely

meter powder to the gun with less air for superior coverage of recessed areas. Used in hundreds of installations worldwide since 2006, this proven and perfected technology is uniquely suited for fast colour change systems and works perfectly with any powder.



Graphic touch-screen for easy operation.

## PowderPilot<sup>™</sup> System Control

### Easy advanced control

PowderPilot provides intuitive control of the entire system during operation and colour change. From advanced electrostatic controls, to a step-by-step illustrated colour change guide, PowderPilot makes it easy for operators to use all the advanced features built into the system.

The on-screen colour-change guide helps to achieve the fastest colour change without costly mistakes. Touch-screen with graphic operator interface is easy and intuitive to use.

Remote connectivity means our engineers are always available to support you with system status checks and diagnostics.

Built-in data collection tools and operating timers assist with maintenance schedule and production monitoring.

## Dense-phase Technology

### 10 years of Innovation

Perfected since 2006, Nordson HDLV (High Density Low Velocity) products deliver unrivaled performance to hundreds of customers worldwide. This dense-phase technology is born of the fact that the best powder application is achieved when optimum powder charging is coupled with a soft, highly controllable spray pattern. HDLV pumps deliver powder to the spray guns and to your products with minimum air enabling:

- Tight process control. No wearing parts inside the pumps to affect the powder output. The high stability of the applied coating thickness yields significant powder savings.
- Very soft and highly controllable powder spray for best coverage and efficiency – even on most complex parts (Faraday cage areas)
- Over 4000 hours of operation without maintenance or pump parts replacement for minimum operating cost and maintenance downtime.
- Independent control of powder and air volumes for optimum coating performance on the greatest variety of products
- Unmatched productivity with up to 3 sq.m. per minute of coverage for a single spray system.
- High quality, automatic colour change in seconds with the full internal purge-cleaning of all spray system components.

Available for automatic and manual applications and in combination with Nordson Color-On-Demand™ systems for automatic color change in less than 20 seconds.

With over 800 automatic systems in operation worldwide, Nordson is the dense-phase authority for your next powder coating system investment.

For more information and expert advice, contact your local Nordson representative.



For more information, speak with your Nordson representative or contact your Nordson regional office.

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