

Lean Cell Powder Spray System

20-second, contamination free color change for maximum production



Conveyorized powder spray booth provides a flexible and efficient design for just-in-time manufacturing.

- Wide collection of configurations available in 9600 CFM to 28800 CFM, accommodating to manual batch operations and automated conveyorized applications.
- Open booth design for easy accessibility around part for coating any part on demand.
- Compact footprint, minimizing floor space and conveyor line gaps, for coating high volumes of parts on demand.
- Clear roof design provides plenty of ambient light to the operator for better visibility to part.
- Innovative booth airflow operation achieves outstanding contamination control for a consistent quality finish and better powder containment.
- Vertically mounted cartridge filters increases filter life and heightens peak performance.

Automated Filter Maintenance: Adjustable time based, reverse-pulsing of filters for longer life and optimum booth air flow. Showerhead valve provides superior cartridge cleaning.

Cartridge Filters: Premium cartridge filters allow free airflow around all sides of the cartridges for longer lasting life and reduced powder waste.

No Ductwork or Explosion Venting Required: Air used to contain and recover powder overspray passes through the primary cartridge filter and final filter, exhausting clean air into the workplace

UL 508-Compliant Control Panel: Full-function UL 508-compliant control panel with safety interlock

Easy Maintenance: Color changes and routine booth cleanup become effortless with the VFD cleanup mode program.

Optional Fluidized Powder Recovery Hopper: Allows for a cleaner operation and easier powder transfer reducing the need for unnecessary cleaning and manual handling

Optional Color-On-Demand:

- **Simple and Easy Color Changes:** Performs change colors in less than 20 seconds for coating any material on demand.
- **Operating Flexibility:** Accommodates up to 28 colors at one time for more color changes per shift, higher throughput.
- **Consistent, High Quality Coverage:** Delivers less overspray, more powder on the part, in all areas of the part through dense phase technology.



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Specifications and Utility Requirements

Specifications	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Overall Dimensions (WxHxD)	10' x 10' 9" x 12' 6"	10' x 10' 9" x 12' 6"	16' x 10' 9" x 12' 6"	16' x 10' 9" x 12' 6"	24' x 10' 9" x 12' 6"	24' x 10' 9" x 12' 6"
Inside Canopy Dimensions (WxHxD)	6' x 8' 6" x 9'	6' x 9' 6" x 9'	12' x 8' 6" x 9'	12' x 9' 6" x 9'	20' x 8' 6" x 9'	20' x 9' 6" x 9'
Part Openings Size (WxH)	48" x 72"	36" x 84"	48" x 72"	54" x 84"	54" x 72"	54" x 84"
No. of Operators	1	1	2	2	3	3
Rated CFM	9600	9600	14400	16000	21600	28800
Motor Hp	10	10	15	15	3 x 5	3 x 10
Motor RPM	1750	1750	1750	1750	1750	1750
Air Input Size	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT
Air Consumption @100 PSI	15 SCFM	15 SCFM	20 SCFM	20 SCFM	20 SCFM	20 SCFM
Volts/Hz/Amps						
Motor	208/60/32 230/60/28 380/60/22 460/60/14 575/60/11	208/60/32 230/60/28 380/60/22 460/60/14 575/60/11	208/60/48 230/60/42 380/60/34 460/60/21 575/60/17	208/60/48 230/60/42 380/60/34 460/60/21 575/60/17	208/60/62 230/60/54 380/60/44 460/60/27 575/60/22	208/60/62 230/60/54 380/60/44 460/60/27 575/60/22
Controls	110/60/10	110/60/10	110/60/10	110/60/10	110/60/10	110/60/10

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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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