



# Excel 3000™ Powder Spray Booth

**With plug-and-spray technology, low profile modular booth base, and optional PolyPlus™ canopy material, this innovative design provides large system features and benefits in a compact package that is easy to install, easy to operate, and easy to color change. The Excel 3000 Powder Spray Booth is available in 8,000 CFM, 10,800 CFM, and 14,000 CFM versions – in various modular and flexible system configurations.**



**The modular design of the shorter more compact booth base allows for flexible location of both automatic and manual gun stations.**

### **Compact, Modular and Durable Design**

The compact design of the Excel 3000 Powder Spray Booth's color module provides for shorter overall booth lengths and smaller overall footprint. The modular design of the shorter more compact booth base allows for flexible location of both automatic and manual gun stations. The robust reinforced low overall height of the booth base allows for easy access during powder spray application and color change and is available with galvanized floor standard, or optional stainless steel floor.

### **Powder Resistant, Easy to Color Change Booth Canopy**

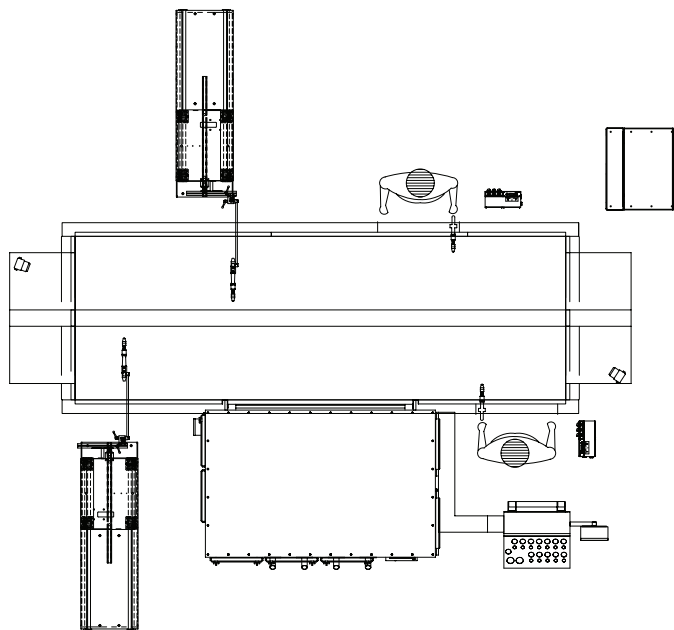
The durable yet functional canopy design features a clear copolymer roof for ample light during powder spray application and comes standard with PolyPlus wall panels. The PolyPlus wall panels provide enhanced light within the spray booth and low attraction of powder to the booth wall surface, allowing for fast, easy, and quick color changes. Booth walls are also available in optional stainless steel and feature the same sturdy design and construction as the standard galvanized steel wall panels. Each canopy material features a standard 2 ft. vestibule on both the exit and entrance end part openings for ample containment of powder within the booth.

**The optional PolyPlus™ wall panels provide enhanced light within the spray booth and low attraction of powder to the booth wall surface, allowing for fast, easy, and quick color change.**



## Flexible and Easy to Operate Modular Configurations

The Excel 3000 Powder Spray Booth is available in a number of standard booth base lengths and system configurations. The booth base lengths include 6'-0", 10'-0", or 15'-0" bases as standard. The configurations include 6'-0" long all manual only or automatic only systems, as well as 10'-0" long systems that include a combination of manual and automatic stations, and finally 15'-0" long systems that can be configured with automatic and manual stations, or all manual stations only if required. The modular approach of the Excel 3000 Powder Spray Booth provides standard locations for all gun and system controls such that all controls are within quick reach for ease of operation and in pre-cabled locations for quick and easy installation.



## Plug-and-Spray Technology for Fast and Easy Installation

The Excel 3000 Powder Spray Booth features plug-and-spray technology that allows for fast and easy installation of all electrical connections. The durable and flexible molded cable and plug design means that there are no wires to terminate and no electrical connections to troubleshoot. All electrical devices come pre-wired for fast and easy connection – which means the Excel 3000 Powder Spray Booth is ready to spray – quickly and easily.



The Excel 3000 Powder Spray Booth features plug-and-spray technology that allows for fast and easy installation of all electrical components.

## Compact and Flexible Color Module Design

The compact and flexible color module design allows for a space saving, more compact footprint and easy to configure powder delivery – with hopper delivery as standard. The module comes complete with easy to operate ratchet straps, and pneumatic tubing quick disconnect plates for quick removal of the color module during color change. The color module comes standard with heavy duty cellulose filters or is available with optional PowderGrid® cartridge filters.

The compact and flexible color module design allows for a space saving, more compact footprint and easy to configure powder delivery options.



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## Excel 3000 Powder Spray Booth Utility Requirements

### Electric

Control voltage - 110V (10 amps) for

- Gun controllers
- Flame detection panel (Required for systems with automatic guns)

Voltage and amperage for all other electrical components listed in table below:

TOTAL CURRENT CALCULATION CHART						
	208V	230V	380V	415V	460V	575V
1/2 HP (Sieve)	2.5	2.2	1.5	1.3	1.1	0.9
1-1/2 HP (Oscillator)	6.9	6.0	4.3	3.6	3.0	2.4
15HP (3001) Exhauster Motor	48.3	42.0	29.4	24.2	21.0	17.0
20HP (3002) Exhauster Motor	*	54.0	37.8	31.1	27.0	22.0
25HP (3003) Exhauster Motor	*	*	47.6	39.1	34.0	27.0
1.0 KVA Transformer	4.8	4.2	2.6	2.4	2.1	1.7
1.5 KVA Transformer	7.2	6.2	3.9	3.6	3.1	2.5
2.0 KVA Transformer	9.6	8.3	5.2	4.8	4.2	3.3

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

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