

Versa-Spray® EXP-100 Control Unit



Modular, state-of-the-art electrostatic power supply and powder flow control for Nordson automatic powder spray guns.

The Versa-Spray EXP-100 control unit supplies and controls electrostatic voltage to Nordson® Model LF-10 (Low Flow) and Model HF-10 (High Flow) guns used in exterior pipe coating applications in high ambient temperature environments. It also regulates air and powder flow to the respective pumps used with the LF-10 and HF-10 guns. The electrostatic charging output is adjustable from 30 to 100 KV for increased field strength and optimum operating flexibility.

The control unit fits a standard 19-inch "instrument-type" rack cabinet. In a multiple-gun powder system, eight or ten units, a master control unit and all other system controls, including a programmable controller, can be mounted in one or more rack cabinets providing a complete, convenient "command center" for the entire powder coating operation. The rack-mount configuration of the Versa-Spray EXP-100 control unit also permits easy access for service to help minimize downtime.

A bright dual-function LED bar graph continuously displays either KV set point or micro amp current output. The display can easily be seen from a distance, providing operators with operational and diagnostic information at a glance.



Features and Benefits

- Selective control of high-voltage provides electrostatic charge from 30 to 100 KV.
- Provides efficient, uniform deposition capability with all widely used powder coating materials.
- Allows use of completely pneumatic powder feed hopper.
- Convenient 19-inch "rack mount" design for use in standard instrument rack cabinets with other system controls.
- Dual-function LED bar graph display for continuous monitoring of either KV set point or microamp current output.
- Easy access for service speeds troubleshooting and repair to minimize downtime.
- Low power consumption.

Versa-Spray® EXP-100 Control Unit

Specifications

Dimensions

Height

133 mm (5.25 in)

Width

Overall 483 mm (19.0 in)

Without Mounting Tabs 443 mm (17.44 in)

Depth

432 mm (17.0 in)

Air Pressure

Input

100 psi max.

(7.0 kg/cm² max)

Electrical

Input Voltage – 100, 120, 200, 240 VAC +/- 10%, 50-60 Hz.

Output Voltage – 30-100 KV +/- 5 KV

Power Consumption – Maximum 50 watts

.42 amps @ 120 VAC

.21 amps @ 240 VAC

Filtration

Air must be clean and dry.



Rack cabinet with MC-3 master control and eight control units.



Nordson reserves the right to make design changes to products to improve their function. These changes may occur between printings.

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

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