

# Vantage® Modular Gun Control System



*Economical, easy-to-use gun control system for reliable and repeatable performance in automatic powder coating operations.*

The new Vantage modular gun control system provides exceptional efficiency, flexibility and finish quality in automatic powder coating operations. A very simple operator interface combined with state-of-the-art design provides easy adjustment and monitoring of gun operation.

Automatic Feedback Current (AFC) control automatically optimizes electrostatic parameters for maximum efficiency, coating coverage and finish quality for a broad range of part shapes.

## **Simple, easy-to-use operator interface**

Sleek front panel design features push-type key switches and bright LEDs for ease of use and long service life.

AFC and kV settings are user-adjustable for complete flexibility in customizing spray gun parameters to meet the most demanding coating requirements. The user can also choose to monitor actual kV or micro-amps during operation.



*Push-type key switches and bright LEDs are easy to use.*



## **Compact, modular design for optimum flexibility and convenience**

The Vantage control system is available in 4-, 6- or 8-gun controller configurations with master control, convenient storage base and rear dress-out panel. Master control provides main power and air distribution, keyed lockout protection and gun triggering via PLC or other triggering device. The 4-, 6- or 8-gun controller and master control can be mounted in a locally supplied 19-inch instrument cabinet along with other system controls, if preferred.

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## Stand-alone dual-gun controller available

A stand-alone dual-gun controller can be used for 1-gun or 2-gun applications, or with other stand-alone units and additional controls in custom configurations in a locally supplied 19-inch rack cabinet.



## Convenient base cabinet maximizes usefulness of Vantage control system

The base cabinet provides the means for securing the Vantage control system to the floor. It positions the control unit for easy adjustment and monitoring, and also provides convenient storage space for spare parts, product manuals and other items.



*Vantage system cabinet also provides convenient storage space.*

## Features and Benefits

- Simple, easy-to-use operator interface
- Automatic Feedback Current (AFC) automatically adjusts kV to maintain selected current limit for optimum coating coverage
- Touch key switch for manually triggering gun to check spray pattern and adjust powder flow and atomizing settings
- Modular design for easy upgrading from a 4- or 6-gun system to 8-gun system
- Flexible design also accommodates a stand-alone, dual-gun controller
- Individual control or main 8-gun control cabinet can alternatively be mounted in a locally supplied 19-inch rack cabinet
- Compatible with Versa-Spray® II, Sure Coat® and Tribomatic® II automatic guns

## Specifications

### Dimensions

Height	132.5 cm (52.16 in.)
Width	44.2 cm (17.40 in.)
Depth	48.5 cm (19.09 in.)

**Weight** 61 kg (135 lbs.)

### Input Air Pressure

Minimum	80 PSI (4 bar)
Maximum	100 PSI (7 bar)

### Air Consumption (typical)

3 scfm (.08 meter<sup>3</sup>/min.) per gun

### Electrical

Input	100 to 240 VAC, 1 Phase, 50/60 Hz, 10 Amp
Output	6 to 21 VDC

### Filtration

Compressed air must be clean and dry  
Max. oil vapor: 0.1 ppm  
Max. water vapor: 0.48 grains/ft<sup>3</sup>



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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