

# Waterborne Iso-Flo®

Electrostatic Dolly System

## Mobile, versatile electrostatic system provides high performance in manual waterborne spray applications.



The Waterborne Iso-Flo electrostatic dolly system is designed for use with the Trilogy™ waterborne air spray or HVLP spray gun. Intended for use with manual waterborne applications, the system reduces component assembly and provides ease of mobility.

In addition to the gun and Iso-Flo VC, the system includes the XPS 60 power supply with cable and fluid and air hose. The Waterborne Iso-Flo dolly system is plug-and-play, requiring just air, electrical and fluid connections. You can begin spraying almost immediately.

### Features and Benefits

- Incorporates dolly, Iso-Flo VC, Trilogy gun and XPS power supply
- Can be ordered with a single part number
- Reduces time needed for component assembly
- Provides greater mobility when using the Iso-Flo and XPS power supply

### Part Number

#### Iso-Flo dolly one-number part system

Waterborne Iso-Flo Electrostatic Dolly System	1609488
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### Specifications

Manual Iso-Flo VC Voltage Block System			Trilogy Gun (Manual)			XPS 60		
Dimensions	Height	36 in. (91.4 cm)	Dimensions	Height	8.77 in. (22.28 cm)	Dimensions	Height	14.75 in. (37.5 cm)
	Width	24 in. (60.9 cm)		Width	12.00 in. (30.48 cm)		Width	33.23 in. (83.6 cm)
	Depth	9 in. (21.9 cm)		Depth	2.20 in. (5.58 cm)		Depth	6.69 in. (17 cm)
Weight	120 lb (54.4 kg)		Weight	1.6 lb (711 g)		Weight	27.1 lb (12.3 kg)	
Air input pressure	80-120 psi (5.5-8.3 bar)		Max input pressure	100 psi (7 bar)		Input Voltage	100-240 Vac, 50/60 Hz 1 phase, 65 VA max	
Fluid input pressure	80-150 psi (5.5-10.3 bar)		Max fluid pressure airspray	100 psi (7 bar)		Output Voltage	60 kV max	
Output flow	Up to 20 ounces (0.59 liters) per minute at 60 psi (4 bar), 20 sec at Zahn 2, ambient temperature		Output Voltage	60 kV max		Output Current	100 µA max	
Output Voltage	60 kV max		<i>Note: The spray gun dimensions include the fluid and air fittings</i>			Ambient Temperature Rating	32° to 122° F (0° to 50° C)	
						Maximum Relative Humidity	95% Non-Condensing	
						Dust Ingress Protection	Constructed to meet IP54	



## Features and Benefits

### Trilogy ES Gun

- **Ideal for a variety of substrates, coatings and part profiles** – featuring two atomization technologies – air spray and high volume, low pressure (HVLP)
- **Minimize maintenance costs and downtime** – with tough and durable gun bodies
- **Enhanced operator comfort for better productivity** – incorporating well-balanced, handle-forward gun design
- **Quick flush fluid passages for ease of cleaning and maintenance**
- **FM approved**



- **Simple, low-maintenance design** – high capacity pumps are field-repairable
- **Fast, efficient color changes** – with simple configurations
- **Highly durable** – incorporates an easy-access steel enclosure
- **FM approved**

### XPS 60 Power Supply

- **Large displays for voltage and current setpoints and outputs** for operating flexibility and troubleshooting capability
- **“High Voltage ON” LED** to quickly see when applicator is energized
- **Analog I/O** for closed loop kV and  $\mu$ A control
- **Standard, AFC and Custom electrostatic modes**
  - **Standard Mode** – user sets kV output
  - **Automatic Feedback Current (AFC) Mode** – user sets maximum  $\mu$ A output and the XPS unit will automatically control the optimum electrostatic charging voltage based on the gun-to-part distance and coating conductivity
  - **Custom Mode** – user can set both kV and  $\mu$ A limits independently for ultimate control
- **FM approved**

### Iso-Flo® VC Voltage Blocking Systems

- **An easier, safer and far more cost-effective way to spray electrostatically charged waterborne coatings**
- **Optimized for productivity and savings**
- **Allows operator to control the amount of coating contained within the pump, making the system ideal for:**
  - Applications with small paint volume requirements or frequent color changes
  - Materials with heavy solids or whose solids tend to settle, as the system allows the user to set a volume that can be sprayed before this effect becomes a problem



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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.

### Nordson Industrial Coating Systems

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