

Product Selection Guide



***Powder Coating Systems
By Providing System Solutions, Inc.
& Powder Buy the Pound***



SpectraCoat™ ES Hobby

This is the entry level system in the SpectraCoat™ ES product line and is designed with the hobbyist in mind. Powder flow is adjusted right at the gun and the 30-50KV output is turned on and off with the use of a foot pedal for added convenience. The cup gun configuration is ideal for quick and easy cleanup & color changes.

ES-HOBBY SYSTEM INCLUDES:

- 30-50KV CONTROLLER WITH ADJUSTABLE OUTPUTS OF 30, 35, 40, 45 & 50KV
- (1) CUP STYLE SPRAY GUN AND (2) POWDER CUPS WITH SEALABLE LIDS
- (1) 15MM, 20MM, & 25MM DEFLECTOR TIPS
- (1) DISPOSABLE MOISTURE SEPARATOR
- ALL CABLES, HOSES, & CONNECTIONS

SpectraCoat™ ES-01C

This 100KV capable system is designed with the small job in mind but upgradeable to use with a pressure hopper or Constant Fluidizing Hopper for larger jobs. Both KV & Feed Air are adjustable at the controller. A flow control valve built into the powder cup allows for fine tuning of airflow. By attaching the powder cup directly to the gun we have shortened the powder delivery hose to 4" making this unit ideal for quick and easy cleanup & color changes.

ES-01C SYSTEM INCLUDES:

- 100KV ES-01 CONTROLLER (110-220V INPUT)
- (1) INDUSTRIAL CUP STYLE SPRAY GUN
- (1) SPRAY GUN MOUNTED ½ LB POWDER CUP
- ALL CABLES, HOSES, & CONNECTIONS, AS WELL AS VARIOUS DEFLECTOR TIPS



SpectraCoat™ ES01-H

This 100KV capable system comes with our hopper style gun and includes the Hyper Coat Multi-Coat Nozzle for a virtually unlimited coating experience. This unit comes standard with a 1.5LB pressure hopper with the option to upgrade to a Constant Fluidizing Hopper at your discretion.

ES-01H SYSTEM INCLUDES:

- 100KV ES-01 CONTROLLER (110-220V INPUT)
- (1) INDUSTRIAL HOPPER STYLE SPRAY GUN
- (1) 12' INDUSTRIAL GROUNDED POWDER HOSE
- (1) FAN SPRAY ELECTRODE , (1) ROUND SPRAY ELECTRODE, & (1) 6" EXTENSION ELECTRODE
- (1) HYPER COAT MULTI COAT NOZZLE
- (1) 1.5LB PRESSURE HOPPER
- ALL CABLES, AIR HOSES, AND CONNECTIONS



SpectraCoat™ ES-02

This 100KV capable system features our exclusive **FARADAY WAVE™** board to help combat Faraday Cage Effect.** Dual air regulators with built in pressure gauges allow for control of both Feed Air and Rinse Air or Dosage Air for use with a Constant Fluidizing Hopper.

ES-02 SYSTEM INCLUDES:

- 100KV ES-02 CONTROLLER (110-220V INPUT) WITH **FARADAY WAVE™** BOARD**
- (1) INDUSTRIAL HOPPER STYLE SPRAY GUN
- (1) 12' INDUSTRIAL GROUNDED POWDER HOSE
- (1) FAN SPRAY ELECTRODE , (1) ROUND SPRAY ELECTRODE, & (1) 6" EXTENSION ELECTRODE
- (1) 1.5LB PRESSURE HOPPER
- ALL CABLES, AIR HOSES, AND CONNECTIONS

SpectraCoat™ ES-03

This 100KV capable system features our exclusive **FARADAY WAVE™** board to help combat Faraday Cage Effect and is specifically designed to operate the included 1.5LB Constant Fluidizing Hopper.** Adjustment of Feed, Dosage, Rinse and Fluidizing Air are made at the controller. On this model the time interval of the **FARADAY WAVE™** is adjustable.**

ES-03 SYSTEM INCLUDES:

- 100KV ES-03 CONTROLLER (110-220V INPUT) WITH ADJUSTABLE **FARADAY WAVE™** INTERVAL**
- (1) INDUSTRIAL HOPPER STYLE SPRAY GUN
- (1) 12' INDUSTRIAL GROUNDED POWDER HOSE
- (1) FAN SPRAY ELECTRODE , (1) ROUND SPRAY ELECTRODE, & (1) 6" EXTENSION ELECTRODE
- (1) 1.5LB CONSTANT FLUIDIZING HOPPER W/ POWDER PUMP & PICKUP TUBE
- ALL CABLES, AIR HOSES, AND CONNECTIONS



SpectraCoat™ ES-04 DUO "C"

This 100KV capable system has all the same features of the ES-03 including the **FARADAY WAVE™** but operates (2) powder coating guns.** With the flip of the A-B switch you can toggle all the controls for air regulation and KV between Gun A and Gun B. The ES-04 DUO "C" configuration comes with our hopper style gun as well as our cup style gun. The hopper style gun works with the included Constant Fluidizing Hopper while the cup style gun has a 1/2LB pressure hopper attached directly to the gun handle.

ES-04 DUO "C" SYSTEM INCLUDES:

- 100KV ES-04 DUO CONTROLLER (110-220V INPUT) WITH ADJUSTABLE **FARADAY WAVE™** INTERVAL**
- INDUSTRIAL (1) HOPPER STYLE & (1) CUP STYLE SPRAY GUNS WITH ALL NORMAL ELECTRODES & TIPS
- (1) 12' INDUSTRIAL GROUNDED POWDER HOSE
- (1) 1.5LB CONSTANT FLUIDIZING HOPPER W/ POWDER PUMP & PICKUP TUBE
- (1) ½ LB FEED CUP MOUNTED ON CUP SPRAY GUN
- ALL CABLES, AIR HOSES, AND CONNECTIONS





SpectraCoat™ ES-04 DUO “H”

This 100KV capable system has all the same features as the ES-04 DUO “C” including the **FARADAY WAVE™** but comes with two hopper style spray guns.** One hopper style gun works with the included Constant Fluidizing Hopper and the other uses the included 1.5LB pressure hopper. As with the ES-04 DUO “C”, a simple flip of the A-B switch toggles all the controls for air regulation and KV between Gun A and Gun B.

ES-04 DUO “H” SYSTEM INCLUDES:

- 100KV ES-04 DUO CONTROLLER (110-220V INPUT) WITH ADJUSTABLE **FARADAY WAVE™** INTERVAL**
- (2) INDUSTRIAL HOPPER STYLE SPRAY GUNS WITH ALL NORMAL ELECTRODES & TIPS
- (2) 12' INDUSTRIAL GROUNDED POWDER HOSE
- (1) 1.5LB CONSTANT FLUIDIZING HOPPER W/ POWDER PUMP & PICKUP TUBE
- (1) 1.5LB PRESSURE HOPPER

Each SpectraCoat ES-02, ES-03, & ES-04 gun controller features Providing System Solutions' exclusive **Faraday Wave™ Technology that produces a perfect transfer of powder coating paint to normally problematic Faraday Cage areas including tight corners and concave surfaces. With the revolutionary **Faraday Wave™** feature enabled, the gun output voltage will automatically cycle through a user defined and selected KV range creating a barrage of unlike charged powder particles thereby eliminating like-charged powder particle repulsion a.k.a. Faraday Cage Effect. On **Faraday Wave™** equipped units, this feature doubles as a multiple coat setting for top coating purposes. On the SpectraCoat™ ES-03 and ES-04 units, further fine tuning adjustment of the **Faraday Wave™** feature is achieved via a controllable **Faraday Wave™** cycle interval of 0.3-1.0 seconds. This is the time it will take the unit to cycle through the KV range as selected by the user.

SPECTRACOAT PACKAGE	0-100 KV OUTPUT	LED KV DISPLAY	SWITCHABLE 110-220V INPUT	DUAL GUN CAPABILITY	FARADAY WAVE BOARD	ADJUSTABLE FARADAY WAVE INTERVAL	FEED AIR	DOSAGE AIR	RINSE AIR	FLUIDIZING AIR	MULTICOAT NOZZLE	CONSTANT FLUIDIZING HOPPER
ES HOBBY							X					
ES-01 C	X		X				X					*
ES-01 H	X		X				X				X	*
ES-02	X	X	X		X		X		X		*	*
ES-03	X	X	X		X	X	X	X	X	X	*	X
ES-04 C	X	X	X	X	X	X	X	X	X	X	*	X
ES-04 H	X	X	X	X	X	X	X	X	X	X	*	X

X = STANDARD EQUIPMENT

* = OPTIONAL EQUIPMENT

All systems come standard with 5 lbs of practice powder and a 1 yr parts and labor manufacturer's warranty that covers manufacturer defects.



Powder Buy the Pound

Your Complete Source For Powder Coating Supplies.

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