

# Sure Coat® Demonstration System



*Advanced technology with selectable product-specific coating modes in compact, portable system.*

The Nordson Sure Coat demonstration system (Nordson part number P/N 309480) is a fully functional, portable powder spray system featuring the Sure Coat manual gun for spraying numerous powders in small quantities. The complete self-contained system comes in a compact, rugged travel case. This easy-to-use, high-performance manual spray system is ideal for customer demonstrations, powder material testing, or extended trials.

The Sure Coat demonstration system includes the Sure Coat manual spray gun and control unit, cup gun kit, air and powder tubing, and operating manuals. An optional powder pump, (P/N 165637), powder hose (P/N 900648) and mini hopper (P/N 139364) are available for applications requiring larger amounts of powder coatings.

The Sure Coat gun and control unit will also work with optional, production-capacity fluidized powder hoppers and vibratory box feeders for demonstrating true, long-duration, production performance.

## Sure Coat Manual Gun

The Sure Coat manual spray gun incorporates a unique combination of features designed for superior performance, durability and operator comfort. The system features patented Select Charge® technology and Automatic Feedback Current (AFC) control that ensures maximum operating flexibility to deliver optimal coating performance for a variety of different powder coating applications.



*Nordson Sure Coat Demonstration System*



*An optional powder pump and mini hopper are available for applications requiring larger amounts of powder coatings.*

The lightweight Sure Coat gun is ergonomically designed and extremely well balanced for better control. An innovative gun purge and convenient handle-mounted air-purge trigger helps maintain a cleaner powder path for optimum spraying/coating performance.

The front-end powder pathway provides ease of disassembly for fast cleaning and reduced maintenance. Few parts inside the gun are exposed to powder impact, which keeps replacement parts to a minimum. Snap-fit construction eliminates the maintenance problem of threaded parts that can be damaged or caked with powder.

A pattern-adjustable conical nozzle of the Sure Coat gun provides for improved spray-pattern control. A standard air-wash feature delivers a very low velocity stream of clean air to keep powder from accumulating on the electrode.

## Cup Gun Kit

The Sure Coat demonstration system includes a convenient “cup gun” kit with specially designed venturi pump and powder funnel for spraying small amounts of powder, with production results, in both laboratory and field testing applications. The funnel includes a lid and cap that permits powder storage in the funnel for future use. The pump, funnel and gun are designed for fast, easy disassembly to facilitate color/powder changes. Additional funnels, lids and caps are available to accommodate multiple powders/colors.

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## Sure Coat Control Unit

The Sure Coat control unit provides operator-selectable, product-specific coating modes that deliver optimal coating performance for a variety of different powder coating applications.

Select Charge® technology lets users choose ideal electrostatic parameters for a particular application. The standard kV-adjustable coating mode used with Automatic Feedback Current (AFC) control provides unmatched performance across the widest range of part profiles; three advanced coating modes are each optimized for difficult applications such as recoating, touch-up and painting parts with deep cavities. The system includes self-diagnostics to reduce downtime, minimize rejects and facilitate troubleshooting.



*The Sure Coat control unit provides operator-selectable, product-specific coating modes and includes self-diagnostics to reduce downtime, minimize rejects and facilitate troubleshooting.*



## Durable, Portable Travel Case

The travel case for the Sure Coat demonstration system houses full, production-level powder coating system performance in a compact, protected “package” that goes virtually anywhere. Durable, rugged construction makes transport of the unit safe and secure, weighing only 19 lbs (8.6 kg) including components.



## Specifications

### Weight

19 lbs (8.6 kg)

### Input Voltage

85-240 VAC, 1 Phase, 50/60 Hz

### Maximum Output

95 kV

### Maximum Output Current

100 +/-5A

### Gun Weight (w/o hose and cable)

510 g

### Dimensions

19" wide (48 cm)

14" deep (35 cm)

9" high (23 cm)



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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