KNIGHT

STRATUS PRO™

Electrostatic Sprayer

KEY BENEFITS:

- Electrostatic charge pulls droplets to completely envelope untreated surfaces.
- Switch on base unit controls electrostatic feature.
- Designed for rapid surface coverage of 300 sq/ft. per minute.
- 1 1/2 hours of continuous operation before refill of on-board tank is needed.
- Manufactured to operate with concentrated chemicals for economy or ready-to-use for quick convenience.
- Highly mobile for ease-of-use.
- 10 foot hose to easily reach out-of-the way areas.
- Unique spray pattern uses less product with more effective results.

Chemical manufacturers have been relying on Knight's engineering expertise for over 48 years. Made of thick 16-gauge stainless steel, Knight's Stratus Pro is built for the commercial environment. The patent pending mixing chamber combines pressurized air and diluted chemical within the gun prior to the nozzle to provide consistent droplet size and velocity to maximize the electrostatic effect and enhances the wrapping capability of the spray. A rocker switch within thumb's reach on the gun controls the operation of the air and liquid pumps for convenience and ease of operation eliminating the need to constantly hold down a trigger button. The ten-foot hose and 4-inch wheels allow easy maneuverability and the ability to reach tight spaces.

With Knight's Stratus Pro™ the solution being sprayed from the 2.8-gallon tank is always clean, fresh, and therefore effective from first to last spray. The combination of a quiet air compressor and an industrial electric diaphragm pump assures an even spray pattern which has been analyzed by a third party for particle size and density.

The electrostatic spray from the Stratus Pro™ is electrically charged as the liquid and air exits the gun nozzle. This charge influences the droplet shape to be consistent and the spray pattern to be evenly dispersed throughout. This results in more effective sanitization as surfaces receive an even coating for consistent contact time across the entire surface. This magnetic charge influences the direction of the droplets overpowering both gravity and the velocity of the spray directing the droplets to turn and even reverse direction as are drawn to objects with untreated surfaces. This results in an even coating even on surfaces out of the line of the spray for more consistent and effective contact.

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TRUSTED SOLUTIONS, MAKING CLEANING EASY...

TECHNICAL DATA

Flow Rates	4.0 oz./minute (+/- 0.2 oz)
Operating Air Pressure	24 psi (+/- 3 psi)
Available Spray Time	90 minutes (per full tank)
Sound Level	78 db
Dimensions of Cart	14″ W x 16″ L
Hose Length	10 feet
Electric Cord	50 feet
Droplet Size, microns (VMD) @ spray distance	12 inches - 43.4
	18 inches - 45.5
	36 inches - 57.3

- Heavy gauge stainless steel cart
- 4″ locking wheels
- 2.8 gallon solution tank
- Large opening for easy tank refill
- Lightweight, triggerless spray gun

Stratus Pro™ Assembly

Part #	DESCRIPTION
7455000	Stratus Pro™ Electrostatic Spray System

KNIGHT®
Trusted Solutions, Making Cleaning Easy™

FOR MORE INFORMATION:
15340 Barranca Parkway
Irvine, CA 92618-2215
(800) 854-3764
Fax (949) 595-4801
www.knightequip.com
cs.knight@idexcorp.com