

# PROTEXUS

ELECTROSTATIC SPRAYING SYSTEMS



PX200ES  
CORDLESS ELECTROSTATIC  
SPRAYER





# PROTEXUS ELECTROSTATIC SPRAYERS

## Next Generation Infection Control Tools

Traditional approaches to disinfecting and sanitizing can't keep up with the rising infectious disease crisis. Ineffective and expensive, they don't have the tools or technology to get the job done effectively or on time. The result is unsafe, potentially contaminated environments ripe for breeding and spreading disease.

### HOW BAD IS THE INFECTIOUS DISEASE EPIDEMIC?

A 2014 Brown University study states, since 1980 infectious outbreaks have been dramatically increasing.

*Research America!* puts the cost of infectious disease in 2014 at **\$120 billion in the United States alone.**

In hospitals, day care facilities, schools, hotels, gyms, cruise ships, restaurants – places you'd expect disinfection protocol to be the very best – **why are so many people getting sick?**

Ineffective, inefficient protocol and technology are to blame.

**What would happen if you didn't need to rely on outdated practices?** Instead, empower your team with more effective, more efficient tools.



### APPLICATION COMPARISON:

Based on 450 sq/ft of office space across all surfaces

Protexus Sprayer (PX200ES)		Trigger Sprayer (32 oz Hand Powered)	
12 oz		Product Usage	38 oz
2.20 minutes		Application Time	12.17 minutes <small>1,130 trigger pulls</small>
5.03 minutes		Dry Time	11.13 minutes

### The Protexus Advantage:

**68%** Product Savings      **81%** Time Savings

### HOW WOULD THAT IMPACT YOUR ORGANIZATION?

It's time for a new way – a better way. Protexus' cutting-edge, battery-powered electrostatic sprayers provide a whole new way to attack the problem. A 'game-changing' approach that arms every technician with powerful tools and technology to protect your facility while saving time and money.

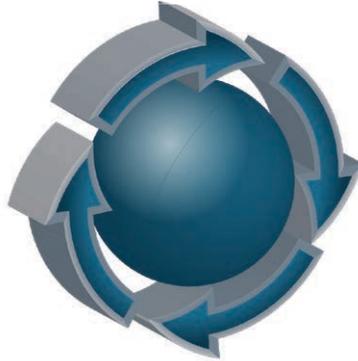


## THE ELECTROSTATIC ADVANTAGE

Protexus sprayers are superior to any other sprayer, mister or fogger. This cutting-edge system combines electrostatic delivery with advanced battery technology that empowers your staff to effectively disinfect more thoroughly and with less training than ever before.

## 360° COVERAGE CLEANS AROUND CURVED & HARD TO REACH SURFACES.

Electrostatic charged droplets create a field in the spray plume that is magnetically drawn to any surface within 6 feet. With an attraction coefficient 15 times greater than gravity, the electrostatic force field is so powerful the plume reverses direction to coat hidden and hard to reach surfaces that would typically be missed by conventional spraying or misting equipment.\*



Unlike other systems, the Protexus sprayer's unique three-tiered applicator nozzle is easily adjusted to change droplet size, accommodating any product's labeling requirement. This fine-tuning capability provides unmatched flexibility – ensuring consistent performance and versatility, while eliminating the waste and overuse of chemicals.

## IMPROVE YOUR PROCESS FOR A SUPERIOR OUTCOME

Protexus brings infection control to a new level of effectiveness and efficiency. Designed for maximum flexibility, Protexus sprayers are easily adaptable to any protocol – different spray modes, saturation levels or specifications – making it ideal for daily use in any situation or environment.

\* Protexus sprayers are tested using our complete line of EarthSafe Protexus cleaning solutions against a full range of germs and pathogens with 99.999% effectiveness. Contact our team at 866-666-2305 for a complete list of test results.

### | Save Money

Labor and chemical costs are reduced by using electrostatic technology

### | Increase Performance

More surface coverage, less wasted chemicals

### | Better Efficiency

Faster, safer and more consistent application; requiring minimal training or disruption to existing protocol

Protexus sprayers revolutionize infection control programs for a wide range of industries including hospitality, education, day care, food service, building management and professional cleaning...among others.

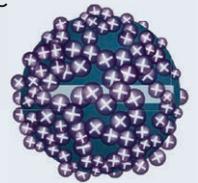


Protexus Three-Tiered Applicator Nozzle



## HOW DOES ELECTROSTATIC DELIVERY WORK?

Protexus electrostatic delivery technology is a revolutionary approach to infectious disease protection and sanitization. Here's how it works: the electrostatic process atomizes the cleaning product with high-pressurized air. The droplets pass an electrode inside the nozzle creating a magnetically charged spray that seeks out and wraps around all touch points and grounded room surfaces.



## ADVANCED BATTERY TECHNOLOGY: MOBILITY, PORTABILITY & POWER

Protexus' battery-powered sprayers are superior to traditional products such as foggers, spray bottles, misting units, or pump sprayers. These are ineffective for numerous reasons – **too expensive, time intensive, wasteful, as well as potentially creating problems like cross contamination and respiratory issues** – limitations that make them impractical to be used efficiently or as part of a daily sanitizing regimen.

While electrostatic technology has been previously available, its' effectiveness has been limited by bulky design and dependency on corded power supplies.

Leveraging years of experience developing advanced lithium-powered technologies, our team has created a spraying system that eliminates the drawbacks of traditional approaches.

Advanced battery technology has enabled Protexus sprayers to equal (or exceed) the power of 'corded' systems, while benefiting from the portability, mobility and flexibility of battery power. **Over 4 hours of continuous use** on a single charge, delivering unmatched effectiveness make the system practical and affordable enough for daily, facility-wide use.

**Empower your infection control team to be more effective and efficient.**



Protexus Battery and Charger



## PRODUCT FEATURES

### | Cordless

16.8 volt Lithium Ion Battery System  
Allows the Convenience of cord free cleaning for approx. 4 hours of use.

### | Versatile

Ideal for sanitizing, disinfecting, odor control, pesticides, coatings, etc.

### | Electrostatic On / Off Switch

Electrostatic charge can be disabled or enabled as needed.

### | Tool Free Adjustable Nozzle

Allows the versatility of adjusting particle size for the required application.

### | Quiet

Being only 60 db., its great for environments where noise is important.



### | Lightweight & Portable

Light enough at 3.8 lbs. to quickly navigate from surface to surface and room to room.

### | Head Light

Illuminate work surface to provide a clear view of intended coverage.

### | Trigger Lock

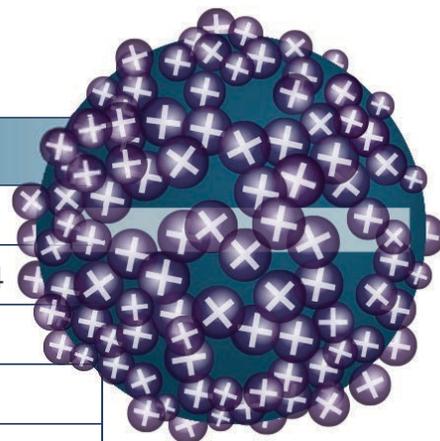
Trigger can be locked in place to prevent accidental spraying.

### | Ergonomic Over Molded Handle

Provides a soft grip for added comfort.

## PRODUCT SPECIFICATIONS: PX200ES

Voltage	16.8v	Micron Size	40/60/100
Run Time	4 hrs	Flow Rate (oz/min)	3.35/3.62/4.34
Charge Time	1 hr	Spray Distance (ft)	3-6 ft
Weight	3.8 lbs	Coverage Per Tank	800 sq. ft.
Capacity	32 oz	Coverage Per Charge	54,000 sq. ft. avg.
Decibels	60 db		



## PROTEXUS ELECTROSTATIC SPRAYER ACCESSORIES

We stock and offer a full line of accessories for the Protexus Electrostatic Sprayers. For information and orders, please contact customer service at (866) 666-2305, or email [info@earthsafeca.com](mailto:info@earthsafeca.com).



**PX10**  
Professional 18.8 Volt Charger



**PX50**  
3 in 1 Nozzle



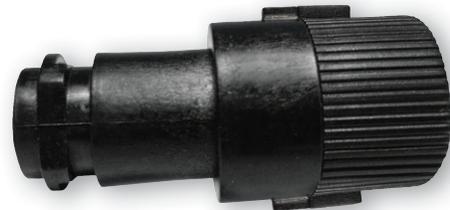
**PX30**  
PX200 Replacement Tank



**PX20**  
Professional 16.8 Volt Battery



**PX49**  
Nozzle Wrench



**PX55** Single  
40 Nozzle  
3.35 oz./min.

**PX57** Single  
60 Nozzle  
3.62 oz./min.

**PX59** Single  
100 Nozzle  
4.34 oz./min.