

Our Commitment

When you choose Parker Ionics as a partner/supplier you get the full support of our entire organization. This full service approach starts with the paint process development and continues through the life of your equipment.

Our technical team will work with you to optimize the powder coating of your parts, then develop the blueprint for your planning and implementing process. But the work doesn't stop there. We'll also follow through on all phases of implementation from equipment supply to installation assistance to initial startup, training, and maintenance. Finally, our customer support team is available on-demand for replacement parts and troubleshooting.



SIMPLY THE BEST

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ELECTROSTATIC POWDER COATING EQUIPMENT GX8500A—Advanced Corona Charging Technology



SIMPLE
ROBUST
EASY TO USE

ADVANCED POWDER COATING TECHNOLOGY

ADVANCED POWDER COATING TECHNOLOGY AT WORK

The MOST Technologically Advanced Powder Coating System available anywhere just got better!

Featuring our **Super Pulse Power®** and up to 250 customizable recipes, the GX8500A is the **OPTIMUM** answer to ALL powder coating applications. With the GX8500A, High Charging Voltage and Low Current are simultaneously achievable in three different modes. This combination of voltage (100 kV) and current (μ A) delivers easy Faraday cage penetration as well as the smoothest finishes in the industry.

These advanced features are even more important in auto gun systems where specific, operator controlled, targeting is not present. In your automatic coating operations First Pass Transfer Efficiency (FPTE) equates to higher productivity, lower rejects, less touch-up requirement, and ultimately....lower cost of operations.

The GX8500A ADVANTAGE will:

- Improve process profitability through improved process efficiency.
- Simplify your coating operations with optimized **Super Pulse Power®** settings.
- Promote excellent transfer efficiency, superior Faraday cage penetration, and excellent finish quality.
- Allow for full line purging of powder hose and gun automatically.



The exclusive **Super Pulse Power®** feature enhances overall application performance and transfer efficiencies by utilizing three optimized pulse width modulation (PWM) settings to control gun current at application appropriate levels (10-20 μ A) while maintaining optimal gun voltage (~100 kV).

PARKER ADVANTAGE—ADVANCED AUTOMATION TECHNOLOGY

	<p>PARKER 200</p>	<p>Simple yet effective, PLC based, effective control gun triggering and line gap control. Includes auto purge function.</p>
	<p>PARKER 300</p>	<p>Parker 200 Series plus light bar technology to provide vertical zoning.</p>
	<p>PARKER 500</p>	<p>Advanced PLC based auto gun system includes all the above plus global recipe programming/use, Z-Axis control, and advanced maintenance alerts</p>

SIMPLY THE BEST

GX385A Digital Controller



<p>Improved Operability</p>	<p>Easy to use. Simple setting of coating conditions. Gun Voltage, Current, Powder Output and Conveying Air Flow (or pressure) can be set with individual monitoring and control setting indicators.</p>
<p>Constant Voltage/Current Function</p>	<p>Super Pulse Power feature provides control stability at optimum voltage and current conditions under varying load.</p>
<p>Digital Control Functions</p>	<p>Save up to 250 recipes with different Gun Voltage, Current, Powder Output and Conveying Air Flow by Digital Control Function, and easy to change coating conditions. <u>Also features unique ability to control pumping and conveying air either with pressure setting or air flow setting.</u></p>
<p>Accumulating Timer</p>	<p>Accumulating (and resettable) operation time monitor makes it easy to determine time for replacement of consumable parts and the maintenance cycle of the equipment.</p>

GX531 Powder Gun



<p>kV Rating</p>	<p>100 kV Negative Charge (Positive Charge Optional)</p>
<p>Gun Cable</p>	<p>10 Meters Standard, 24V. Maximum</p>
<p>Operating Amperage</p>	<p><u>10-20 μA Normal, 100 μA Maximum</u></p>



Swirl Nozzle



Diffuser Nozzle



Adjustable Fan Nozzle



T-Type Nozzle (Standard)

Fluidizing Powder Hoppers (Stainless Steel)



<p>Capacity</p>	<p>100#, 150#, 200#, 250# (larger sizes available)</p>
<p>Style</p>	<p>Side Feed Standard, Top Feed (optional)</p>
<p>Standard Equipment</p>	<p>Large Fill opening w/lid. Removable top. Power Vent w/regulator and gauge. Shut off ball valve. Wheeled Cart. Quick Dump port.</p>
<p>Optional Equipment</p>	<p>Automatic Level Controls. Mini-Cyclone w/ Power Vent. Vibratory sieve. Rotary Sieve.</p>

ADVANCED POWDER COATING TECHNOLOGY