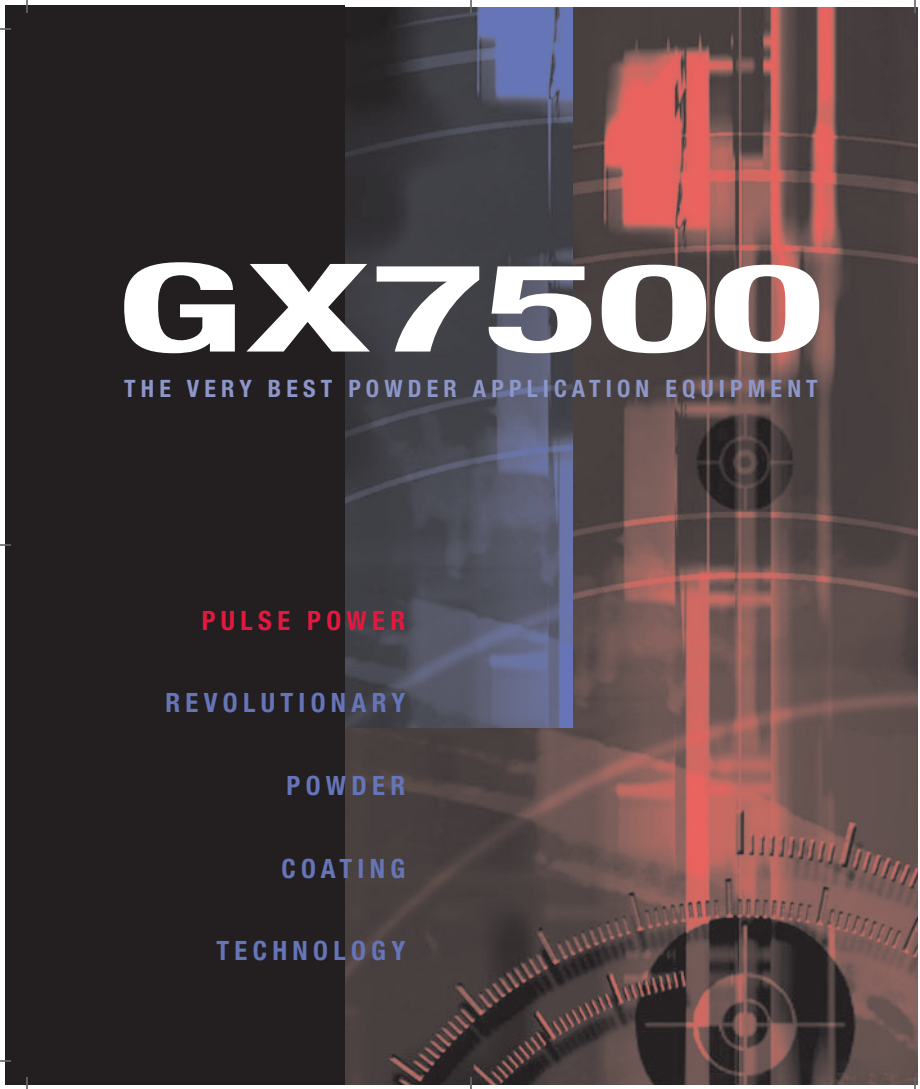


GX7500

THE VERY BEST POWDER APPLICATION EQUIPMENT

PULSE POWER

REVOLUTIONARY

POWDER

COATING

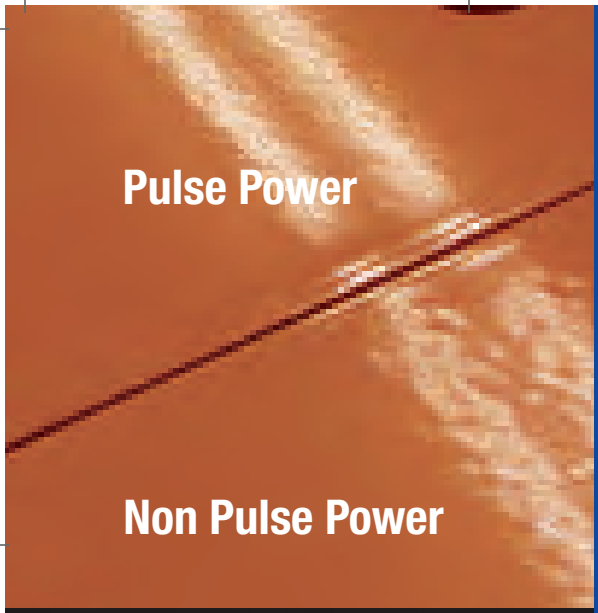
TECHNOLOGY

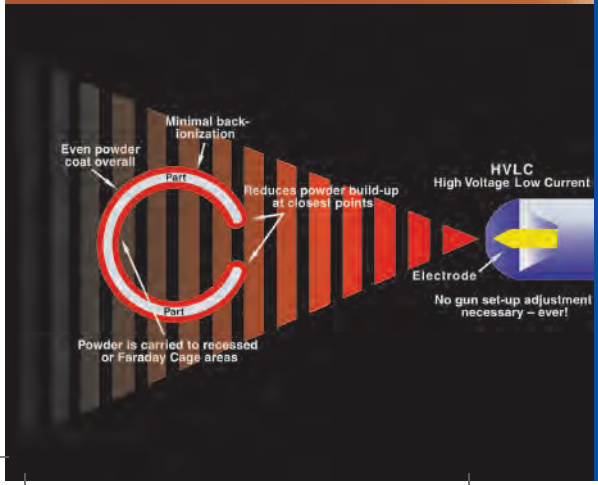
Pulse Power

The Revolutionary Powder Coating Technology

Parker Ionics "Pulse Power" is the first and only corona charging method that supplies excellent transfer efficiencies, superior powder penetration and a quality finish with no gun adjustment needed.

Pulse Power improves overall gun performance and transfer Efficiencies by pulsing the charge to the external electrode Several times a second. The continuous pulsing prevents a build-up of free ions on the electrode, resulting in a smoother transfer of powder. The rapid on-off-on-off of the charge allows the powder to be carried by momentum into recessed or Faraday Cage areas. Also, reducing free ions minimizes back-ionization for an even smoother, higher quality finish.





Pulse Power Provides A First Class Finish

Single, Operator friendly Pulse Power setting for:

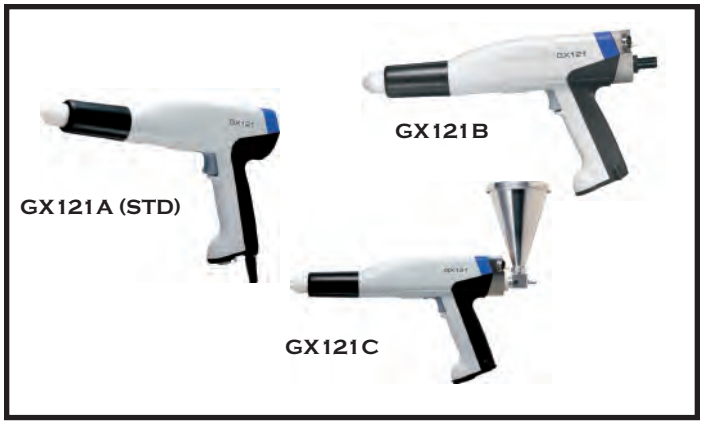
All Recoating
•
High Transfer Efficiency
•
Best Penetration
•
Smoother Finishes
•
Ultra Thick Coatings
•
Metallic Powders

Higher First-Pass Transfer Efficiency Leads to:

Increased Production
•
Less Powder to Recover
•
Lower Maintenance Costs
•
Saves Cap Time & Energy

GX131 LIGHTWEIGHT MANUAL GUN

PRIME FEATURE	Patented Pulse Power (Pulse Power II ready)
HIGH-VOLTAGE SOURCE	High-Voltage Generator, built into gun body
GUN CABLE INPUT VOLTAGE	24V as maximum (AC peak value)
OUTPUT VOLTAGE	100kV maximum (STD polarity: negative)
SHORT CIRCUIT CURRENT	Set at 50 µA (STD)
WEIGHT	18.3 oz. (520g)
CABLE/ HOSE CONNECTIONS	At grip bottom (STD) or at the rear of gun body (OPT)
APPLICABLE NOZZLES	Fan Slit and Diffuser Nozzle (order one with unit)
OPTIONAL NOZZLES	Adjustable Fan, Long and Fine Barrel Nozzles



GX121 MANUAL GUNS

PRIME FEATURE	Pulse Power is applicable with a GX7000 control console
HIGH-VOLTAGE SOURCE	High-Voltage Generator, built into gun body
GUN CABLE INPUT VOLTAGE	24V as maximum (AC peak value)
OUTPUT VOLTAGE	100kV maximum (STD polarity: negative)
SHORT CIRCUIT CURRENT	Set at 50 µA (STD)
WEIGHT	18.7 oz. (530g)
CABLE/ HOSE CONNECTIONS	At grip bottom (STD) or at the rear of gun body (GX121B, GX121C)
APPLICABLE NOZZLES	T-type Fan, P-type Fan, Swirl, Adjustable Fan, Diffuser, Long Barrel (Extension)

GX7000B MANUAL BOX - FEED UNIT

APPLICATION SPRAY GUN	GX121
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
GUN CABLE LENGTH	5 m (16 ft.), 7 m (23 ft.) or 10 m (33 ft.) Optional
POWDER HOSE	12 mm I.D. (1/2 in. I.D.) x 5 m (16 ft.), 7 m (23 ft.), 10 m (33 ft.) OPT. also available at 9.5 m I.D. (3/8"I.D.)
POWDER FEED RATE (MAX.)	8 to 16 oz./min. (250 to 450 g/min.) depending on injector
POWDER FEED METHOD	Vibration, Partial Fluidized Bed/ Venturi Method
DIMENSIONS	500 W x 600 D x 980 H mm 19.7 in. W x 23.6 in.D x 38.6 in. H
WEIGHT	40kg (89 lbs.)
POWER REQUIREMENTS	120V AC, 50/60 Hz, 1.5 amp
AIR REQUIREMENTS	6.4 cfm @ 80 psi
AIR PRESSURE	85 psi - maximum

GX7500B MANUAL BOX-FEED UNIT

APPLICATION SPRAY GUN	GX131
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
GUN CABLE LENGTH	7 m (23 ft.)
POWDER HOSE	7 m x 12 mm I.D. (23ft x 1/2 in. I.D.)
POWDER FEED RATE (MAX.)	8 to 16 oz./min. (250 to 450 g/min.) depending on injector
POWDER FEED METHOD	Vibration, Partial Fluidized Bed/ Venturi Method
DIMENSIONS	500 W mm x 600 D mm x 980 H mm (19.7 in. W x 23.6 in. D x 38.6 in. H)
WEIGHT	40 kg (89 lbs.)
POWER REQUIREMENTS	120V AC 50/60Hz, 1.5 amp
AIR REQUIREMENTS	6.4 cfm @ 80psi
AIR PRESSURE	85 psi - maximum

GX7500S MANUAL STAND UNIT

APPLICATION SPRAY GUN	GX131
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	7 m (23 ft.) I.D.
POWDER HOSE	7 m X 12 mm I.D. (23 ft x 1/2 in., I.D.)
POWDER HOPPER	60 L (15.85 gallons) (STD), 40 L (10.6 gallons) (OPT)
POWDER FEED RATE (MAX.)	250 to 450 g/min. (8 to 16 oz./min.) depending on injector
POWDER FEED METHOD	Fluid-Bed/ Venturi
DIMENSIONS	500 W x 500 D x 980 H mm - excl. projections 20 in. W x 24 in.D x 39 in. H
WEIGHT	35kg (77 lbs.)
POWER REQUIREMENTS	120V AC, 50/60 Hz, 1.5 amp
AIR REQUIREMENTS	6.3 cfm (180 L/min.) 80 psi
AIR PRESSURE	85 psi - maximum

GX7000S MANUAL STAND UNIT

APPLICATION SPRAY GUN	GX121
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	5 m (16 ft.) STD, 7 m (23 ft.) and 10 m (33 ft.) OPT
POWDER HOSE	5 m x12 mm I.D. (16 ft x 1/2 in., I.D.) STD, 7 m (23 ft.) and 10 m (33 ft.) OPT, 9.5 mm I.D. (3/8" I.D.) OPT
POWDER HOPPER CAPACITY	60 L (15.85 gallons) (STD), 40 L (10.6 gallons) (OPT)
POWDER FEED RATE (MAX.)	250 to 450 g/min. (8 to 16 oz./min.) depending on injector
POWDER FEED METHOD	Fluid-Bed/ Venturi
DIMENSIONS	500 W x 500 D x 980 H mm - excl. projections 20 in. W x 24 in.D x 39 in. H
WEIGHT	35kg (77 lbs.)
POWER REQUIREMENTS	120V AC, 50/60 Hz, 1.5 amp
AIR REQUIREMENTS	6.3 cfm (180L/min.) 80 psi
AIR PRESSURE	85 psi - maximum

GX7500L MANUAL LAB UNIT

APPLICATION SPRAY GUN	GX131
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	7 m x 12 mm I.D. (23 ft x 1/2 in., I.D.)
POWDER HOPPER	2L Hopper, or 60L. Hopper (OPT.- No Hopper)
POWDER FEED RATE (MAX.)	Approximately 250 g/min.
POWDER FEED METHOD	Fluid-Bed/ Injector Method
POWER CONSUMPTION	90VA (120V. 60Hz)
COMPRESSED AIR CONSUMPTION	6.3 cfm (180 LPM.) @ 80psi

GX7000L MANUAL LAB UNIT

APPLICATION SPRAY GUN	GX121
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	5 m (16 ft.) (STD),7 m (23ft.) or 10 m (33ft.) (OPT.)
POWDER HOSE	5 m x 12 mm I.D. (16 ft x 1/2 in. I.D.), 7 m (23ft.) or 10 m (33ft.) OPT, also available at 9.5 mm (3/8" I.D.)
POWDER HOPPER	2L Hopper or 60L Hopper, (OPT. - No Hopper))
POWDER FEED RATE (MAX.)	250g/min.
POWDER FEED METHOD	Fluid-Bed/ Venturi Method
POWER REQUIREMENTS	120V AC, 50/60 Hz,1.5 amp
AIR REQUIREMENTS	6.3 cfm (180 L/min.) 80 psi

GX7000CS MANUAL CUP STAND UNIT

APPLICATION SPRAY GUN	GX121
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	5 m (16 ft.) (STD),7 m (23ft.) or10 m (33ft.) (OPT.)
POWDER HOSE	5 m x12 mm I.D. (16 ft x 1/2 in. I.D.), 7 m (23ft.) or 10 m (33ft.) OPT, also available at 9.5 mm (3/8" I.D.)
POWDER HOPPER	380cc Cup STD, 750cc Cup (OPT.)
POWDER FEED RATE (MAX.)	250g/min.
POWDER FEED METHOD	Bulk Injection Method
POWER REQUIREMENTS	90VA (120V, 50/60 Hz)
AIR REQUIREMENTS	6.3 cfm (180 L/min.) 80 psi

GX7500CS MANUAL CUP STAND UNIT

APPLICATION SPRAY GUN	GX131
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	7 m (23ft.) STD
POWDER HOSE	7 m x 12 mm I.D. (23 ft x 1/2 in. I.D.),
POWDER HOPPER	380cc Cup STD, 750cc Cup (OPT.)
POWDER FEED RATE (MAX.)	250g/min.
POWDER FEED METHOD	Bulk Injection Method
POWER REQUIREMENTS	90VA (120V, 50/60 Hz)
AIR REQUIREMENTS	6.3 cfm (180 L/min.) 80 psi

GX7000C MANUAL CUP UNIT

APPLICATION SPRAY GUN	GX121
HIGH-VOLTAGE SOURCE	Pulse Power (100KV maximum)
POWER CABLE LENGTH	5 m (16 ft.) (STD),7 m (23ft.) or 10 m (33ft.) (OPT.)
POWDER HOPPER	380cc Cup,
POWDER FEED RATE (MAX.)	250g/min.
POWDER FEED METHOD	Bulk Injection Method
POWER REQUIREMENTS	90VA (120V, 50/60 Hz)
AIR REQUIREMENTS	6.3 cfm (180 L/min.) 80 psi

GX121 NOZZLES

T-type Fan Nozzle

Spray pattern with this nozzle resembles an open fan. Spray speed with the nozzle is lower than that with the standard fan nozzle. Its wider and softer spray pattern is suitable for recessed parts.

Swirl Nozzle

Swirl air can change the pattern during spraying without suspending operation. There are four types of outer heads available, with I.D.s of 12 mm, 20 mm, 30 mm, and 40 mm.

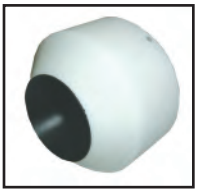
Diffuser Nozzle

Powder/ air mixture sprayed from the gun is diffused to create a hemispherical spray pattern. Pattern can be changed by substituting various types of diffusers.

Adjustable Fan Nozzle

Open fan spray pattern. Suitable for longer spray distance applications. The width of the spray pattern is adjustable.

GX121 NOZZLES



Powder Proof Outer Heads

20, 30 and 40 mm powder proof outer heads used on vertical applications.

Long Barrel Nozzles

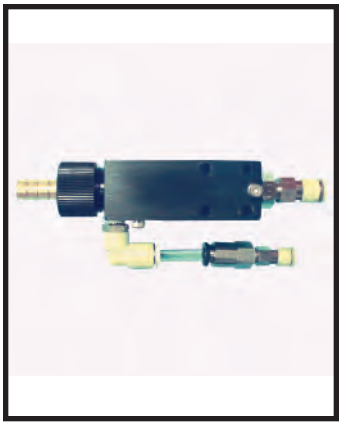
A Variety of long barrel nozzles to accommodate those hard to reach areas such as inside of tubes and other tight areas.

GX8000

POWDER PUMP

Simple design optimized for:

- Simplicity of use
- Easy cleaning
- Smooth consistant powder flow
- 5 mm and 6 mm throat pipes available



GX5000

POWDER PUMP

Precision engineered with flexibility in mind:

- Simple to use
- Easy to clean
- Choice of 3 different throat pipe diameters (4,5,6 mm)
- Choice of internal nozzles (1.1, 1.5, 1.8 mm)
- Choice of hose connections (9.5,12,15 mm), (3/8”, 1/2”, 9/16”)

GX7000M AUTOMATIC GUN CONSOLE

NUMBER OF GUNS	2 to 10
GUN CABLE LENGTH	10 m (33 ft.)
POWDER HOSE	10 m x 12 mm I.D. (33ft. x 1/2 in. I.D.)
POWDER OUTPUT	50 to 250 g/min. (50 to 450 g/min.) (OPT.)
POWDER FEED METHOD	Fluidized Bed/ Venturi Method
HOPPER CAPACITY	220L (275 lbs.) other sizes available
CONTROL CONSOLE	13 in. W x 29 in. D x 70 in. H/ 288 lbs. 330 mm W x 740 mm D x 1800 mm H/130 kg
POWDER HOPPER	29 in. W x 29 in. D x 39 in. H/177 lbs. 740 mm W x 740 mm x 1000 mm H/ 80 kg
POWER REQUIREMENTS	.9 amps. per gun + 1 amp., 120V AC, 50/60 Hz
AIR REQUIREMENTS	6.5 cfm (185 L/min.) per gun + 3 cfm (85L/min) @ 80 psi 85 psi - maximum

Pulse Power Provides A First Class Finish

Single, Operator friendly Pulse Power Setting for:

Smoother Finishes • Best Penetration • Ultra Thick Coatings

High Transfer Efficiency • All Recoating • Metallic Powders

Higher First-Pass Transfer Efficiency

Increase Production • Less Powder to Recover • Lowers Maintenance Cost

Saves Time and Energy

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