

## Auto Guns for Electrostatic Powder Coating Equipment

Type	Pulse Power 9000 M	Pulse Power 9000 M-IF	Pulse Power 9000 M-AF
Loaded Gun (Max.)	GX541/GX532 Max. 8 guns		
Gun Cable Length/Paint Hose	10m (with connector at both ends) / Normal 10m x inner diameter $\phi$ 12mm		
Paint Tank	220L, W720 x D720 x H980 (mm)		
Paint Supply Amount	Normal 50-230g/min		
Paint Supply Method	Fluidized Bed / Injector Upper Suction		Fluidized Bed / Screw Cut Out
External Size (Controller) / Weight	W500 x D470 x H1810 (mm) / 180kg (8 outlets)		
Power Consumption/Power	60 x Gun No. + 80 Fluidized Bed ) NL/min 0.5MPa		
Compressed Air Consumption / Supply Pressure	(200 x Gun No. + 80 Fluidized Bed) NL/min 0.5MPa		
Optional Parts	Level Sensor, Mini Cyclone, Exhaust Injector		

## Gun Nozzle

### GX541 Exclusive Nozzle

#### Slit Nozzle



Spray pattern with soft section. Spray width can be controlled by pattern ring position.

#### T4 Nozzle



Fixed spray pattern with wide section.

### GX532 Exclusive Nozzle

#### T Nozzle



Superior inserted with wide pattern.

#### Sector Nozzle



Hard section pattern. Pattern width can be controlled by pattern ring.

#### Diffuser Nozzle



Circular pattern of nozzle can be controlled by diffuser diameter.

- Be sure to read the instruction manual carefully before use.
- Specifications of products in this catalog are subject to change without notice.

**PARKER ENGINEERING CO., LTD. (HEAD OFFICE)**  
16-8, 2-CHOME, NIHONBASHI, CHUO-KU, TOKYO, 103-0027 JAPAN  
TEL: +81-3-3278-4599 FAX: +81-3-3281-4910

PARKER ENGINEERING (SHANGHAI) CO., LTD.  
ROOM 503-506m GUBEI 1699 PLAZA, NO.1699 GUBEI ROAD, SHANGHAI 201103, P.R.C  
TEL: +86-21-6270-3711 FAX: +86-21-62770-5644

PARKER ENGINEERING (THAILAND) CO., LTD.  
5TH FLOOR, ROOM 501, THANAYA BLDG., 62 SILOM ROAD, SURIYAWONGSE,  
BANGRAK, BANGKOK 10500, THAILAND  
TEL: +66-2-236-0120 FAX: +66-2-236-0122

PT. PARKER ENGINEERING INDONESIA  
PERKANTORAN HIAU ARKADIA, TOWER F6 FLOOR SUITE 601 JI. TB. SIMATUPANG KAV. 88,  
JAKARTA 12520, INDONESIA  
TEL: +62-21-7884-8033 FAX: +62-21-7884-8030

PARKER ENGINEERING (INDIA) PVT. LTD.  
UNIT NO. 9051 & 9052, 9th FLOOR, VIPUL SQUARE, B-BLOCK, SUSHANT LOK,  
PHASE-1, GURGAON, 122009, HARYANA, INDIA  
TEL: +91-124-4112614/15 FAX: +91-124-4112613

PARKER ENGINEERING OF AMERICA CO., LTD.  
38147 ABRUZZI DRIVE, WESTLAND, MICHIGAN 48185 U.S.A  
TEL: +1-734-326-7630 FAX: +1-734-326-7638

**PARKER IONICS**

AUTO GUN MODEL

New Release

## Electrostatic Powder Coating Equipment Pulse Power 9000 Series



- Charging Efficiency Increased by 10%  
**Loaded New Pulse Power**

- Compatible with IoT (New)

All painting data can be transferred

### Basic Auto Gun GX541 (New)



### Small Auto Gun GX532



**PARKER ENGINEERING CO., LTD.**

# Pulse Power 9000 Series

## Digital controller with new pulse power mode

### New Pulse Power Mode : A MODE

Automatic control of optimal pulse power mode for painting condition.

Tightly electrification by high charging efficiency. New pulse control ensures beautiful painting in every corner.

### Pulse Power Mode : R MODE

This mode is specialized for re-coating and top-coating after ED.

### Continuous Charging MODE

This mode enables individual setting of voltage and current.

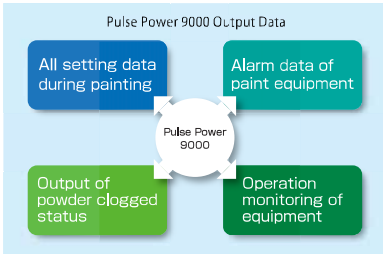
### New Pulse Power Mode : M MODE

The charging characteristics create a metal feeling. It is possible to prioritize painting efficiency.



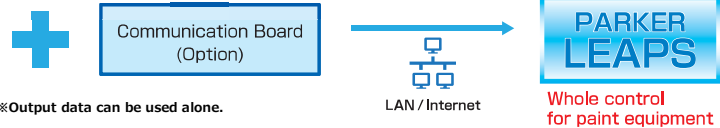
Controller Performance		Details
Charging Mode	4 types	A/M/R/Continuous Charging
Painting recipe No.	4 types	Internal memory 3 patterns. External communication mode
Paint control meth.	2 types	Flow rate control. Pressure control
Air control		Total air control by pressure sensor
Transmission function		Including all-data transmission function
Air purge function		Gun remote and panel switch. Injector air purge

## Full Support for IoT Enviro



### Connect to Preventive Maintenance System (PARKER LEAPS)

- Control of paint quality
- Preventive maintenance for equipment
- Monitoring of paint condition



※Output data can be used alone.

## AUTO ELECTROSTATIC GUN GX541



**Holder Type A**  
Wearing holder cover: easy to clean at color change



**Holder Type B**  
Ideal when installing gun at an angle

High Voltage Apply Form	Built-in Source Form
Gun Cable Voltage	Max. 24V
Gun Top Voltage	Max. 100kV (Polarity: -)
Short Circuit Current	80μA
Weight	470g
Paint Hose Diameter	φ10mm, φ12mm, φ15mm
Gun Nozzle	T-4 Nozzle, Slit Nozzle

## AUTO ELECTROSTATIC GUN GX532

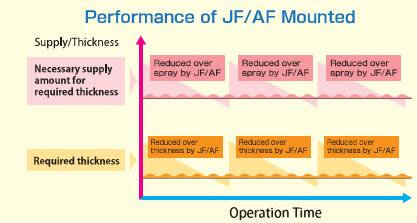
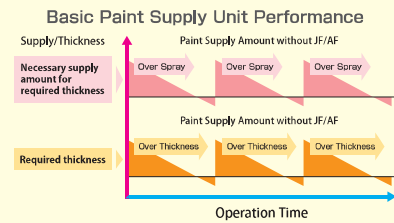


**T place otal length 225mm**  
Ideal for installing in robot or narrow

High Voltage Apply Form	Built-in Source Form
Gun Cable Voltage	Max. 24V
Gun Top Voltage	Max. 100kV (Polarity: -)
Short Circuit Current	80μA
Weight	540g
Paint Hose Diameter	φ10mm, φ12mm, φ15mm
Gun Nozzle	T Nozzle, Sector Nozzle, Diffuser Nozzle

## Constant Supply Feeder Just Feed / Ace Feed

### Reduce the amount of used paint and running cost



- Causes of Fluctuation
- 1: Paint Level of Tank
  - 2: Worn-out Suction Parts
  - 3: Paint Adhesion to Transfer Device
  - 4: Air Pressure Fluctuation etc.

**Used paint reduced by 15-20%**  
Depending on usage conditions, workpiece shape, etc., the equivalent value is a guideline and is not guaranteed.