



SOOHO COATING MACHINE INDUSTRIAL.CO.

# ELECTROSTATIC POWDER COATING SYSTEM



# SH206 | PULSE | CORONA | COATING

## SH-206 PULSE CORONA COATING

SH's newly developed pulse coating machine is a special newly-developed static-by-powder coating mechanism capable of frictionally coating powder onto curved portions by instantly repeating a current voltage 20 - 40 times

**1. SH 206 pulse corona combination coating machine is** an innovative static-by-powder coating machine into which an existing pulse type or corona type can be converted by a button.

### 2. Paint reduction

A reduction of 30% coating film thickness can be obtained by coating of corner portions and thick and uniform surfaces, leading to paint cost reduction.

### 3. Yield increase

Pulse coating reduces powder loss with thin coating and fast and high-efficiency transfer, maximizing yield increase.

### 4. Advantages in re-coating

By uniform coating onto the surface with thin coating thickness during re-coating, high-quality coating like initial coating is possible with SH206 coating machine without conventional paint agglomeration problems.

### 5. Advantages in metallic powdered silver coating

By reducing current in a pulse-way to prevent paint agglomeration during metallic powdered silver coating, a coating film is thin and uniform high-quality coating is possible.

### TECHNICAL DATA

Gun Weight	440g
Gun length	330mm
Power	(AC)220v
Frequency	50/60 Hz
Consumption power	25w
Input power	(DC)24v
Output power	100kv
Maximum output power	180 $\mu$ A
Polarity	Cathode
High voltage confirmation form	Inside the gun
Max. flow rate	670g/min



# Innovative pulse coating machine for paint reduction, a

Based on your much use and affection, SH coating machine industrial Co., Ltd. have developed and produced a pulse corona combination coating machine by the sweat and effort of the whole staff.



SH-206 Control

## SH-206 Part Name



Long Muzzle



SH-202 Sieving Machine

For high corner penetration strength,  
and yield increase!



SH-206 Manual Powder Gun Set



SH-206 Hopperless Set

Use without the Powder Hopper  
at a time for color change



SH-206 Cup Gun

For laboratory test



SH-6022-Power Hopper



SH-22.17 Auto Power Gun

# Reciprocator SH-R-1500

## Reciprocator SH-R-1500

With your sincere encouragement, we have developed the nation's first digital reciprocator to solve some problems which had not been overcome by the analog-type.

1. The nation's first digital reciprocator whose functions all are digitally controlled  
 ※Safety function : Auto-stopping function beyond upper and lower limits
2. Noiseless, long lifetime
3. Low-speed position search function during operation
4. Digitally displayed stroke distance, upper and lower limits

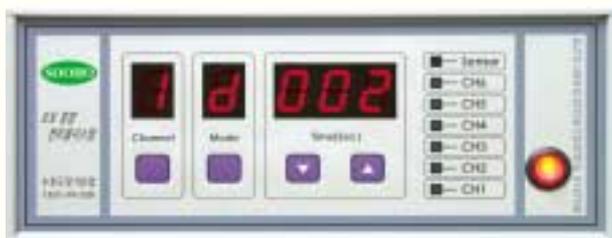
## Reciprocator Control



## TECHNICAL DATA

Voltage	220V ~ 240V
Frequency	50/60Hz
Speed	0~60 m/min
Operating	PID control, Up/Down operating
Mode for control speed	Digital type : Loader
Working Temperature	-20°C~60°C

## Auto Control



Paint is sprayed only to a target coating surface without being automatically sprayed between coating surfaces.



# SH Auto Powder Coating Equipment

Auto cleaning line equipment



Conveying Line & baking oven equipment



Open Booth



Room Booth



Auto Coating



Liquid Booth

