Automatic Reciprocator



COLO-2000D

Frequency-adjustable reciprocator is specially designed for high quality powder coating,it can carry up to 2-12pcs spray guns and optional for wet painting guns as well

Feature of the reciprocator:

- 80 storable programs
- Frequency: Japanese Mitsubishi

COLO-2200D

COLO-2200D Reciprcator is electrically driven by a frequency control motor via PLC, give gentle and precise motion,thus ensuring perfect coating result. it is wheeled for easy moving and fix,the slim column design allows for space saving arrangement of the guns.

Feature of the reciprocator:

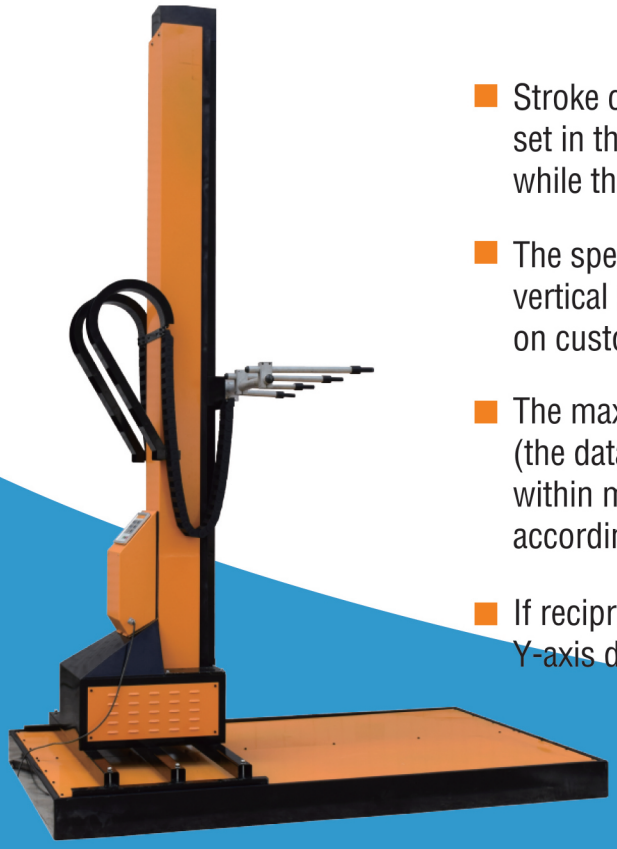
- Could store 20 programs
- Easy operation
- Smooth and accurate running
- Solid and maintenance free
- Height or the stroke adjustable and customized

Technical Characteristics

Powe supply	AC 220V/110V 50HZ-60HZ	Stroke	1.5m/1.8m/2m/2.5m
Power of motor	0.75kw/1.1kw	Speed	0-0.8m/s(0-50m/min)
Speed	0~50m/min	Standard size	850*680*2970mm
Max load capacity	25 kgs	Weight	295kg

Automatic Reciprocator

The programmable two-dimensional and three-dimensional intelligent controllable reciprocator is specially designed to improve the working efficiency and coating quality. The equipment can meet the highest requirement of coating quality, as the ideal product for improving surface finishing coating design.



Features and Advantages

- Stroke can be adjusted in the controller;each part can be arbitrarily set in the travel range of the upper and lower limited position, while the speed can be set in a certain range.
- The speed of vertical direction in X-axis can be segment adjustable; vertical speed up to 78m/min(the data can be customized based on customer needs).
- The maximum speed of fore-and-aft direction in Z-axis is 10m/min (the data can be customized based on customer needs), adjustable within motion stroke range.there is a corresponding motion control according to the detection of part position signal.
- If reciprocator position changed, Z-axis direction would move to Y-axis direction (moving with the production line)

2Axes long stroke reciprocator



Horizontal reciprocator

Technical data

Standard stroke	1000-2000
Lifter loading	40kg
Speed range	0-1M/S (Variable frequency adjustable)
Voltage	220V AC±10%
Power	0.75KW 0.37KW
Up and down point delay	(Up and down point movement, adjustable)

BEST GUNS FOR COLOR CHANGES



Our highly efficient powder guns colo-08 are the heart of the powder coating plant.

They guarantee the best coating results and uniform powder deposition. Themanual gun OptiSelect excels by its outstanding ergonomics and the low weight

The optimized design , the smooth material and the innovative nozzles make

Colo-08 guns the best for color change .

- Ideal internal design of the powder path
- Optimized gun body design
- High quality no -stick material ,use of high quality no-stick materials
- Prevents powder accumulations and short circuits tendency with metallic powders.

BEST GUNS FOR COLOR CHANGES



Easy maintenance, long lifetime

It's easy to keep your gun in perfect conditions for many years. All the components can be quickly dismantled and checked, without special tools

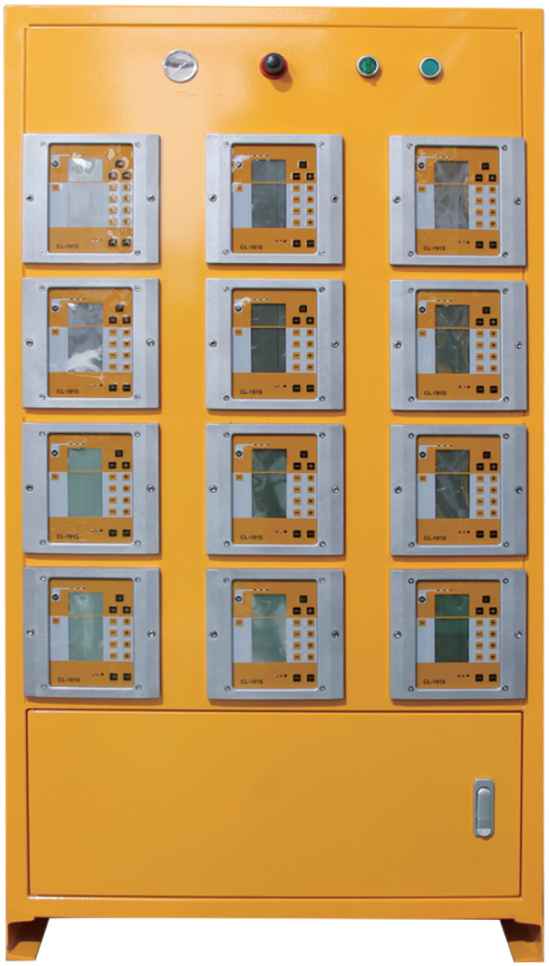


Powerful and flexible for specialists

The CL-191S allows you to create and store your own library of application programs, optimized for your parts and powder.

CONTROL PANEL(colo-5000-191s)

The system can control reciprocator and auto powder coating system with central studio type(option).



CL-191S-A-12P
(The control unit quantity can change according to the order)





- New control unit with commnication function
- Use one host to control multiple extensions
- PLC, touch screen and other devices use RS485 modbus protocol to communicate with the gun
- PLC, touch screen and other equipment control one powder gun host, and the remaining control extensions are controlled by this powder gun host

Central control system for multi automatic guns

- Featured with expandable and economic advantages
- Provide the gereral control function of main electricity and air
- Size can be custom-made, 2-12pcs control units avaiable
- Easy for operation and maintenance



COLO-PGC1A



COLO-800DA



COLO-660A



COLO-5000-PGC1



COLO-5000-800D



COLO-5000-660



COLO-668A



COLO-5000-668

Powder Feed Center

CL-6000

Powder center for fast color changes and improvement of productivity

The powder feed central system provides fast color change. The automatic spray gun, various powder hoses, and injectors will stay clean au- - tomatically during color change. A filter system maintains a comfortable indoor environment by transferring dusts during cleaning. The unit is fully programable.

The powder position sensor will detect the position of the powder. A lack of powder will signal a warning which will fluidized the powder barrel: 100 liter capacity. The cover extends the capacity and will prevent the powder from wafting.

Shake table: If you do not use the fluidized powder box, the powder can also be placed directly in the original packing carton shock stage. From there the powder can be pumped directly from the carton supply to the powder gun. It does not require cleaning when changing the powder coating box.

The automatic sifter contains a screen which removes impurities contained in the recovered powder.

Control System: Touch screen operator panel and keyboard input Increase the supply of new powder automatically. Automatic matching of old and new powders together.



TECHNICAL PARAMETERS

1. Pwer supply voltage: 1P 220VAC (110V)
2. Power: 500W
3. Air pressure: 0.6-0.8MP
4 Can be equipped with up to 16 powder pump

ADVANCE FEATURES

- Powder barrel lid design saves powder
- Original packaging for direct supply powder
- Nested structure design, cleans thoroughly
- High quality fluidization is achieved through vibration from our newly designed fludized plate and powder
- Powder-bit auto-detection alarm
- Increase the supply of new powder automatically
- Automatic matching of old and new powders together.