

Micron®

powder Systems

Maximum Transfer with High Technology 85% Powder Coating Efficiency

Micron offers a wide range of powder coating equipments adaptable to the variety of all requests.

High performance, strong and handy equipment ensure the best loading efficiency in Electrostatic field for an application with the highest saving of time and materials.



Micron powder coating systems manual and automatic paint equipments for use in different general industries. What is important is to have selected the correct painting system and integrate the result with saving. You will enjoy the advantages of a leader brand when using it.

Manual System



Manual Powder Coating Gun: MG 200

Our manual gun must have an excellent balance. MG200 weight only 520 g. Owing to an integrated high-voltage (100 kV) cascade, a high transfer efficiency as well as an optimum and continual results are obtained in application.

Nominal Input Voltage	: 14 V eff
Frequency	: app. 18 kHz.
Nominal Output Voltage	: 100 kv
Polarity	: Negative (Positive, optional)
Max. Output Current	: 100 μ A
Paint flow rate	: 50 - 600 gr / min.

Manual Powder Coating Systems: B 200 H

It is recommended for specified painting operations. The B 200 device is designed for performing paint transfer, aiding air and pulverization air adjustments easy.

Nominal Input Voltage / Connected Load	: 220 VAC / 40 VA
Nominal Output Voltage / to the Gun	: max. 14V eff
Nominal Output Current / to the Gun	: max. 1A eff
Protection Rating	: IP54
Max. Input pressure	: 10 bar / 145 psi
Min. Input pressure (dynamic)	: 6 bar / 87 psi



Manual Powder Coating Systems: A 100 H

It is recommended for specified painting operations. The A 100 device ensures the overcoming of Faraday effect with the aid of voltage and automatic current adjustment and the painting of difficult pieces easy with the maximum loading efficiency.

Nominal Input Voltage / Connected Load	: 220 VAC / 40 VA
Nominal Output Voltage / to the Gun	: max. 14V eff
Nominal Output Current / to the Gun	: max. 1A eff
Protection Rating	: IP54
Max. Input pressure	: 10 bar / 145 psi
Min. Input pressure (dynamic)	: 6 bar / 87 psi



Manual Powder Coating Systems: A 100 D

It is recommended for multicolored applications. It provides speed and easy of color change.

Nominal Input Voltage / Connected Load	: 220 VAC / 40 VA
Nominal Output Voltage / to the Gun	: max. 14V eff
Nominal Output Current / to the Gun	: max. 1A eff
Protection Rating	: IP54
Max. Input pressure	: 10 bar / 145 psi
Min. Input pressure (dynamic)	: 6 bar / 87 psi



Portable Sieve

It is used to sieve the used powder coating accumulating in the powder coating booth or under-booth tank, which is then mixed with fresh powder proportionally for use.

Nominal Input voltage	: 220 V AC - 50 Hz
Nominal Output voltage	: 24 V DC
Protection Rating	: IP54
Capacity (200 μ)	: 20 kg / h

Automatic System

Automatic Powder Coating Gun: AG 200

Our automatic powder coating guns AG 200 designed for mass production can be used by installing it fixed or on a reciprocator. Paint flow rates, air velocities and loading voltages are controlled on the main control box.

Nominal Input Voltage	: 14 V eff
Frequency	: app. 18 kHz.
Nominal Output Voltage	: 100 kv
Polarity	: Negative (Positive, optional)
Max. Output Current	: 100 μ A
Paint flow rate	: 50 - 600 gr / min.



Automatic Painting Reciprocator PRC 100

A type of reciprocator that enables motion of automatic powder and wet paint equipments up and down along required distances at a required speed. A robot operation free of vibration and with a long life and an accurate control along required distances is an indication of quality Micron systems.

Nominal Input Voltage	: 220 V AC - 50 Hz
Stroke	: 400 ile 1500 mm (standard)
Robot Speed	: 5 ile 35 m / min.
Maximum Load	: 30 kg.
Protection Rating	: IP54



Automatic Control Box ACP 200

A control box wherein the electronic and pneumatic boxes of automatic painting guns are grouped. The control box contains main electrical and pneumatic input controls as well as spaces for 6 electronic and pneumatic control boxes for the 6-gun Automatic System. During the application, all controls are performed on this cabinet.

Nominal Input Voltage	: 220 V AC - 50 Hz
Protection Rating	: IP54
Max. Input pressure	: 10 bar / 145 psi
Min. Input pressure (dynamic)	: 6 bar / 87 psi
Compressed Air Connection	: Angular Connection 8 mm.



Powder Coating Hopper PC 120

Micron automatic system powder coating hopper has a capacity of 120 l and can be carried on wheels. Like other tanks, the tank has an embossed base. With the aid of such base, the powder coating in the tank is homogeneously conveyed to guns.

Capacity	: 120 lt.
Number of injector inlets	: 7 pcs
Air consumption	: 120 lt. / min.



Recovery System GKS 100

The Micron recovery system transfers the used paint accumulating in the under-cabin tank by means of high-capacity suction injectors in the required time range, sieves and conveys the same to the automatic system powder coating hopper. It is proportionally mixed with the fresh paint added therein for use.

Nominal Input Voltage	: 220 V AC - 50 Hz
Nominal Output Voltage	: 24 V DC
Protection Rating	: IP 54
Capacity (200 μ)	: 20 kg/h



Powder Enamel Systems



MGE 200 Manual Enamel Gun



AGE 200 Automatic Enamel Gun



EI-1 Enamel Injector



HEI-1 High-Capacity Enamel Injector

Alternative items



Wide variety of extension pieces



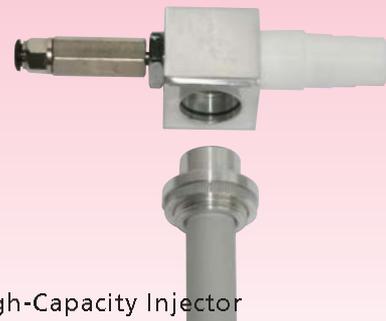
Nozzle

FN 300

RN 300



PI-2 Injector



HPI-1 High-Capacity Injector



8 lt



50 lt

Powder coating hopper