

MPC-SC 250BT/ 350BT

(1) 'SQ' Robot Gantry Data

- Working Size : 300mm(X) 300mm(Y)
400mm(X) 400mm(Y)
- Z Axis (Optional) : 100mm
- Valve Mounting : Max 2 nos
- Working Pay Load : Max 5 kgf
- Resolution : 10 microns
- Repeatability : ± 50µm/ ± 25µm (Higher Grade)
- Accuracy : ± 50µm/ ± 25µm (Higher Grade)
- Speed** : Max 450mm/sec for X & Y Axes
Max 200mm/sec for Z Axis

(2) Programming

- Software : MPC.exe v4.5
c/w User Application Programming (UAP -MPC v3.0)
- Program Size : Hard Disk Capacity
- Program Method : Remote Mode Through PC



- MPC-SC Series**
- ✓ UAP -MPC (ver 3.0)
- Conformal Coating Routine
 - ✓ Precision Air Regulator
- Manual Adjustment
- Digital Adjustment

Spray Valve Type:

- ❖ Air Atomize Spray Valve
- ❖ Airless Spray Valve
- ❖ Needle Micro-Spray Valve

Nozzle Type

- ❖ Cone Shape
- ❖ Fan Shape



Pressure Chamber Tank

MPC-SC Conformal Coating System, is design based on MPC (Multi-Purpose Cell) platform, to provide clean & efficient selective conformal coating process.

Three main spray valve types provide selective coating area and different coat thickness. Additional features - long nozzle/ needle, valve rotate/ tilt mechanism, digital variable pressure control etc enhance the coating process.

UAP -MPC (ver 3.0) is built-in with system control software MPC.exe, a user friendly programming tool to allow coating profile to be generated through PC remote mode.

Conformal Coating System
MPC-SC Series Type "BT"

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MPC-SC 350A/ 450A

is configured for clean and efficient selective conformal coating process;
allows higher pay load on robot gantry for specific application;
is cost effective solution for coating applications.

Spray Valve Types:

- ❖ Air Atomize Spray Valve
- ❖ Airless Spray Valve
- ❖ Needle Micro-Spray Valve

Nozzle Types:

- ❖ Cone Shape
- ❖ Fan Shape



Conformal Coating System MPC-SC Series Type "A"

(1) Conformal Coating Aspect

- Shape : Cone / Fan
- Valve Type : Spray / Needle
- Valve Mounting : Max 2 nos

(2) 'SQ^H' Robot Gantry Data

- Working Size : 400mm(X) 400mm(Y)
500mm(X) 500mm(Y)
- Z Axis (Optional) : 100mm
- Working Pay Load : Max 12kgf
- Resolution : 10 microns
- Repeatability : ± 50µm/ ±25µm (Higher Grade)
- Accuracy : ± 50µm/ ±25µm (Higher Grade)
- Speed** : Max 700mm/sec for X & Y Axes
Max 400mm/sec for Z Axis

(3) Programming

- Software : MPC.exe v4.5
- c/w User Application Programming (UAP -MPC v3.0)
- Program Size : Hard Disk Capacity
- Program Method : Remote Mode Through PC

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