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

Spray Valve Type:
- Air Atomize Spray Valve
- Airless Spray Valve
- Needle Micro-Spray Valve

Nozzle Type
- Cone Shape
- Fan Shape

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.

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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

(1) Conformal Coating Aspect
- Shape: Cone / Fan
- Valve Type: Spray / Needle
- Valve Mounting: Max 2 nos

(2) ‘SQ’ 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

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.

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