

## Multi-Purpose Cell, MPC/ MPCH Series

is designed with common platform which allow the system to be configured for many applications

- ✓ Dispensing
- ✓ Conformal coating
- ✓ De-paneling
- ✓ Odd-shaped pick & place/ labeling/ inspection
- ✓ Screw fastening & etc.



MPC Series Type "A"



MPC Series Type "BT"



MPCH Series Type "S"

This Series comes in three (3) main types - bench-top, aluminium profile base structure & steel base structure.

It can be configured up to three (3) applications, e.g. dispensing + pick & Place + inspection in a single system.

MPC Series provides easy switching from one application to another, hence it is a cost effective solution for many industries.

Multi Purpose Cell Systems  
MPC/ MPCH Series

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## (1) Models

### ➤ MPC 250BT/ 350BT (Bench-Top)

- Working Size : 300mm(X) 300mm(Y)  
400mm(X) 400mm(Y)
- Z Axis (Optional): 100mm

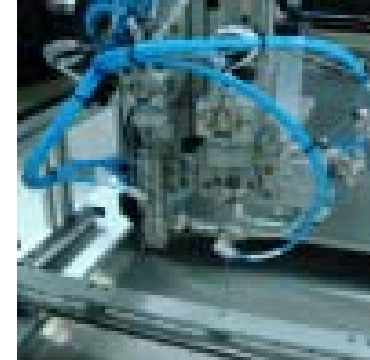
### ➤ MPC 350A/ 450A (Aluminum Profile Base Structure)

- Working Size : 400mm(X) 400mm(Y) 100mm(Z)  
500mm(X) 500mm(Y) 100mm(Z)

### ➤ MPCH 350S/ 450S (Steel Base Structure)

- Working Size : 400mm(X) 400mm(Y) 100mm(Z)  
500mm(X) 500mm(Y) 100mm(Z)

Dispensing & PicknPlace

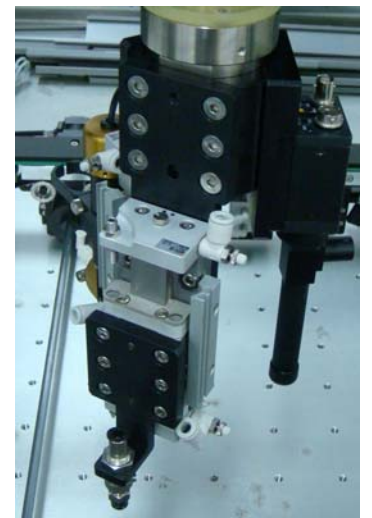


Conformal Coating

## (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

3-IN-1 Applications



### (3.1) MPC Series Type "BT" Robot Gantry Data

- Working Pay Load : Max 7.5 kgf
- Resolution : 10 microns
- Repeatability : ± 50µm; ± 25µm (High Precision Grade)
- Accuracy : ± 50µm; ± 25µm (High Precision Grade)
- Speed\*\* : Max 450mm/sec for X & Y Axes  
Max 200mm/sec for Z axis

### (3.2) MPC Series Type "A" Robot Gantry Data

- Working Pay Load : Max 12 kgf
- Resolution : 10 microns
- Repeatability : ± 50µm; ± 25µm (High Precision Grade)
- Accuracy : ± 50µm; ± 25µm (High Precision Grade)
- Speed\*\* : Max 700mm/sec for X & Y Axes  
Max 400mm/sec for Z axis

### (3.3) MPCH Series Type "S" Robot Gantry Data

- Working Pay Load : Max 12 kgf
- Resolution : 10 microns
- Repeatability : ± 25µm
- Accuracy : ± 25µm
- Speed\*\* : Max 1000mm/sec for X & Y Axes  
Max 600mm/sec for Z axis

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