

# ADM100 Series

is designed to provide wide range of dispensing applications. The system is able to use for fluid dispensing, e.g. glue, gel and solder paste dispensing.

The system is capable to dispense dots, arcs, circles, 2D-spiral.

## Dispensing Processes

- Flip Chip Under-Fill
- Encapsulation
- Continuous Path
- Dotting
- Two Part Mixing
- Selective Conformal Coating
- Others



**Bench-Top Configuration (SA)**



**c/w Extended Structure (ES)**



**c/w In-Line Conveyor (IL)**

### (1) Dispensing Aspect

- Dot Rate\* : 7,000 dots per hour (Needle)  
9,000 dots per hour (Non-Contact)
- Dispensing Area : 200mm(X) 150mm(Y) 100mm(Z)
- Valve Mounting : Max 2 nos

### (2) 'X' Robot Gantry Data

- Working Size : 300mm(X) 200mm(Y) 100mm(Z)
- Working Pay Load : Max 3 kgf
- Resolution : 10 microns
- Repeatability : ± 25µm
- Accuracy : ± 25µm
- Speed\*\* : Max 450mm/sec for X & Y Axes  
Max 200mm/sec for Z axis

### (3) Programming

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

# Liquid Dispensing System ADM100 Series



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