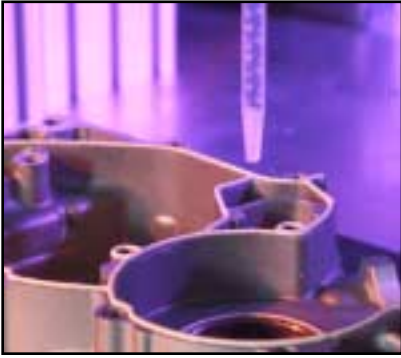


C500 Automation Platform

Contour Motion Platform for the Electronics and General Assembly Market



Dot, Lines and Contours



Windows Based Program

Features:

- User friendly Windows®-based programming software.
- Easy to understand operator interface for combined motion dispenser operation.
- Flexible and highly configurable for stand-alone, bench-top, or in-line conveyor integration.
- Capable of dots, lines and contours
- 3D motion

Benefits:

- No expensive, special software to purchase.
- Easy to edit, add or create new programs
- Select programs for dispensing single points, lines and contours
- Fits into a variety of process applications.



C500 Automation Platform with a PosiDot 20



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Specifications

- **Standard Features:**

- **X-Y Actuators**

- AC brushless servo motors X & Y
- Rigid steel actuators with premium linear bearings
- 3 side guard is standard

- **Modular Design**

- X axis 200 mm to 500 mm (7.9 in to 19.7 in)
- Y axis 200 mm to 500 mm (7.9 in to 19.7 in)
- Standard models -
 - 300 mm x 300 mm (11.8 in x 11.8 in)
 - 500 mm x 500 mm (19.7 in x 19.7 in)

- **Accuracy**

- Position repeatability +/- 0.05 mm (+/- 0.002 in)
- Encoder positional resolution 0.002mm(0.0001in)

- **Speed Range**

- X-Y up to 320 mm/s (12.65 in/s)

- **Z - Axis**

- Pneumatic actuators
- 100 mm (4 in) stroke

- **Payload Capacity**

- 9.1 kg (20 pounds), which includes any LCC mix head or dispense valve.

- **X-Y Motion Controller:**

- Meets RIA standards
- Point to point, straight line and contours
- Variable/independent acceleration and deceleration
- For programming with optional PC
- Up to 7 pre-program downloads

- **Overall Dimensions:**

- 500 x 500
 - Height: 2,000 mm (81 in)
 - Width: 1,200 mm (48 in)
 - Depth: 1,200 mm (48 in)
- 300 x 300
 - Height: 2,000 mm (81 in)
 - Width: 1,000 mm (42 in)
 - Depth: 1,000 mm (42 in)

- **Machine Controls:**

- Designed to NEMA 12 and NFPA-79 standards
- Main power disconnect with lockout
- Master Start
- Manual - automatic modes
- Home push button
- Purge selector
- Power on, system fault and ground fault lights

- **Cycle Actuation:**

- Dual optical start buttons
- Dual "E" stop palm buttons

- **Service Requirements:**

- 110/120 v/1 phase/60 Hz (others are optional)
- 15 amp at 110/120 v
- Pneumatic - Dependent on dispense valve selection

- **Additional Services Provided:**

- System wet test

- **Optional Features:**

- Color touch screen control
- Part/tray fixtures
- Part/tray present sensors
- Part positioning slides
- Custom frames for automated equipment integration
- Light curtain safety shield
- Single and plural component dispense valves
- Outboard load bearing guide rail
- Doors for fixture access
- Conveyors
- Z axis controller

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