

Designed to accurately
dispense materials



C-500 Automation Platform

Contour Motion Platform for the
Electronics and General Assembly Market

Features & Benefits

- User friendly Windows®-based programming software developed specifically for Dispensing applications.
- Centralized operation and programming provides seamless integration between dispensing and motion.
- Capable of dots, lines and continuous dispensing paths in 2D and 3D motion
- Dispensing Programs can be easily created, and changed even by someone with no programming experience
- Single source for application development, future upgrades and technical support.
- Robust and precise actuators assure uniform bead with nearly invisible knit line



*Dot, Lines
and Contours*



*C500 Automation Platform
with a Positive Displacement
Servo Driven PosiDot® Meter,
Mix and Dispense System*


Liquid Control™



Specifications

Standard Features:

X-Y-Z Actuators

- AC brushless servo motors
- Rigid actuators with premium linear bearings
- 3 side guard is standard
- Doors for fixture access

Working Envelope

- Standard: 500 mm x 500 mm (19.5 in x 19.5 in)
- Custom: scalable from 200 mm x 200 mm (7.9 in x 7.9 in) up to more than 2500 mm x 2500 mm (100 in x 100 in)

Accuracy and Speed

- Position repeatability +/- 0.05 mm (+/- 0.002 in)
- Encoder positional resolution 0.002mm(0.0001in)
- X-Y up to 380 mm/s (15 in/s)
- Z up to 250 mm/s (10 in/s)

Payload Capacity

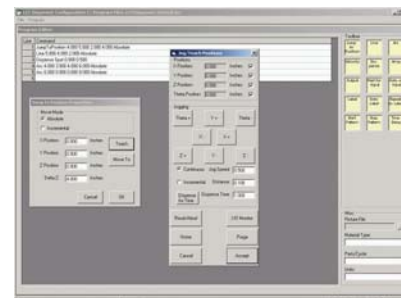
- 9.1 kg (20 pounds), which includes any LCC mix head or dispense valve.

X-Y Motion Controller:

- Meets RIA standards
- Point to point, straight line and contours
- Variable/independent acceleration and deceleration
- Up to 7 pre-program downloads (infinite number of programs can be stored in the hard drive).
- Windows® based software for fast programming

Machine Controls:

- Designed to NEMA 12 and NFPA-79 standards
- Main power disconnect with lockout
- Manual - automatic modes
- Power on, system fault and ground fault lights
- Palm button or touch screen cycle actuator
- Master Start
- Desktop PC included
- 15" color touch screen



Additional Services Provided:

- System wet test
- Demos
- Process Development

Service Requirements

Pneumatic:Dependent on dispense valve selection
 Electric:220/240 v/1 phase/60 Hz (others are optional)
 30 amp at 220/240 v
 Dimensions:Standard Unit
 Height: 2,057 mm (81 in) Width: 1,219 mm (48 in) Depth: 1,320 mm (52 in)

Optional Features

- 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
- Conveyors
- Outboard load bearing guide rail
- Pneumatic actuators
- Single and dual Y slides
- Automatic needle locator

Call today for product availability or to request a demonstration **330.966.3000**
 or visit us at www.graco.com or www.liquidcontrol.com

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