

GSD

GRACO SMART DISPENSE

Automated Platform for Inline or Stand-alone Electronics Manufacturing

- **Convenient:** Visual recognition and positioning technology assists in dispensing programming
- **Controllable:** Real-time collection and monitoring of dispensing data, visualization of that data, and more control over real-time process quality
- **Easy to integrate:** A user-friendly interface and software support a comprehensive, one-stop dispensing system
- **Multiple options:** Online and offline types, with multiple workbench specifications, automatic and manual modes to meet various production needs



Integrated color touchscreen

- Visualization of dispensing information for easy setting and management of various parameters



Visual recognition and positioning assists in dispensing programming

- Optional 256-color light source, suitable for different substrates



Dispensing workbench

- Available in different sizes
- Optional single or double push-pull table (offline)



Multi-stage independent control track

- Improves productivity

Markets:

- Electronics
- New energy batteries
- Automotive parts
- Telecommunications

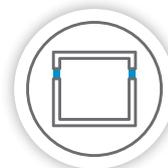
Applications:



Thermal Management



Bonding



Sealing



Potting

GSD

TECHNICAL SPECIFICATIONS



	GSD 300	GSD 500
Basic parameters		
Dimensions (height-width-depth) (mm)	1725 × 900 × 900	2010 × 1190 × 1190
Gantry system	Brushless AC servo motor, precision ball screw push-pull table	Brushless AC servo motor, precision ball screw push-pull table
Move rage X × Y (mm)	300 × 300	500 × 500
Max move speed X × Y (mm/s)	500	500
Move rage Z (mm)	150	150
Z-axis load (kg)	30	30
Maximum acceleration (X, Y)	2g	2g
Positioning accuracy (XYZ)	±0.02 mm	±0.02 mm
Repeated Positioning accuracy (XYZ)	±0.01 mm	±0.01 mm
Control system	Graco dispensing control system, based on Windows interface	
Operation equipment	Color interface touch screen	
Power supply	220-240 VAC, 16 A, 50/60 Hz	
Air pressure	80 - 100 psi	
Functional information		
Customizable loading/unloading	Push-pull table / Manual	Push-pull table / Manual / Conveyor belt
Vision system (XY calibration/programming)	Both available	Both available
Grating	√	√
Needle cleaning	√	√
Needle calibration	√	√
Adhesive dot weighing	√	√
Cleaning cup	√	√
Height detection	√	√
Parts in place sensor	√	√
Beacon	√	√
Barcode gun	√	√
Visual system light source adjustable	√	√

Compatible with:

One Component Meter & Dispense Systems



Progressive Cavity (PC) Pump



Precision Shot Meter (PSM)

Two Component, Variable Ratio Meter, Mix & Dispense Systems



Posi-Ratio® with eXtreme variability (PR-Xv)



PR-Xv Mini

Contact us today!

Call **800-764-1334** to speak with a Graco representative
 Visit **www.graco.com/electronics** for more information