GRACO®

A Complete Solution for your Automated Dispensing

Precise Dispensing for Tough-to-handle Materials

UniXact™

PRECISION

▶ Tackle the tough jobs. Only UniXact includes the rugged equipment designed to facilitate fast, accurate dispense of tough-to-handle materials.

RELIABILITY

▶ Consistent dispensing - every time. Only UniXact includes the proven Graco fluid dispense technologies to streamline your process.

SIMPLICITY

▶ Easy for non-technical operators. Our proprietary software includes an intuitive user interface that provides simple set-up and operation.

Unixact C300

Unixact C500

TECHNICAL SPECIFICATIONS

	C300	C500
Description & Selling Prop.	Heavy duty 3D contour XYZ Cartesian System 15kg+ payload, windows based robotic point to point dispensing workcell	
Overall Dimensions (H-W-D)	1905 mm x 939 mm x 1041 mm (75 in x 37 in x 41 in)	2,000 mm x 1,200 mm x 1,200 mm (79 in x 47 in x 47 in)
Work Envelope (X-Y-Z)	254 mm x 277 mm x 70 mm (10 in x 11 in x 2.75 in)	500 mm x 500 mm x 150 mm (20 in x 20 in x 6 in)
Drive Method	Ball screw drives with linear guide bearings	
Drive System	Servo drive motors for X, Y, Z and dispense	
Point to Point Speed	200 mm/s (8 in/s)	
Position Repeatability	10 Micron	
Accuracy	+/- 0.1 mm/300 mm (+/- 0.004 in/12 in)	
Dispense Speed	100 mm/s (4 in/s)	
Interface	Touch screen interface, Graco proprietary software supported by Windows 10	
Programming Methods	3 Methods: DXF Upload, Intuitive icon based touch screen, Teach pendant; off-line programming	
Preprogammed Patterns	Lines, circles, arcs, splines, spiral fill (circle and square), dots, beads	
Program Storage	20 programs on board; 1,000's in PC	
Add on Table Options	Part in place sensor • Needle Calibration • Needle Blowoff • Door (C300 only) or Light Curtain Customizable load/unload - Y slides • Vision programming and vision skew • Laser height sensing	