

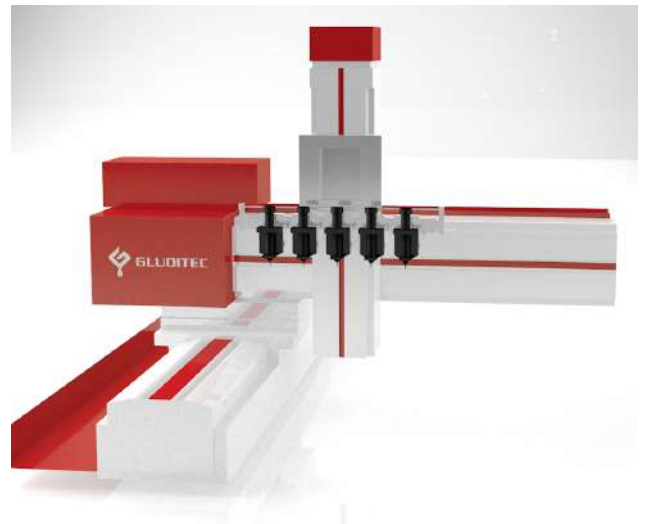
GLT GT4000

STANDARD GANTRY DISPENSING ROBOT

GLT GT4000 is designed and configured specifically for fluid dispensing applications, provide total control over fluid placement, from beads, arcs and circles to repeated timed dots. With simple operation and being compatible with almost type of valve and controller, GT4000 helps manufacturers increase efficiency and reduce cost significantly.

FEATURE

- Many projects also require all moving axes to be above the workstation, the GT series provides that capability.
- AC servo motors with a ball screw design.
- Available in three and four-axis models.
- Repeatability of 0.01mm.
- Highly rigid frame structure.
- Open access design for in-line operation.
- Customer design is available.
- Digital Servo controlled and ball screwdriver.
- Repeatability is 0.01mm for accurate dispensing.
- Dot, Lines, Arc, etc., and 3D dispensing path are available.
- A hand-held Teach Pendant is provided for simple and intuitive programming functions.
- Apply adhesives, cyanoacrylates, silicone, RTV, anaerobic resin, epoxy, UV cure formulations, and many more fluids.
- Windows SRE software is available for CAD file input (optional).



SPECIFICATION	VALUE
Working Area X / Y / Z (mm)	400 / 400 / 100
Load Y-AXIS / Z-AXIS	30 kg / 10 kg
Maximum Speed XY / Z (mm/sec)	0.1 ~ 600 / 300
Resolution	0.001 mm/Axis
Repetitive Positioning Accuracy	+/- 0.01 mm / Axis

SPECIFICATION	VALUE
Program Capacity	100 Programs/ 4000 points / program
Program Display	Teach Pendant LCD
Control Method	PTP & CP
Motor System	Servo motor
Programming Method	Teach Pendant
I/O Signals Port	8 Inputs / 8 Outputs
External Control Interface	RS232
Power Supply	AC110 ~ 220V 300W
Working Temperature	0 – 40 °C
Working Relative Humidity	20 – 90% no condensation
Dimensions (WxDxH mm)	750 x 850 x 550
Robot Weight (kg)	70 kg