

## DT-F2Y

# Gantry Dispensing Robot Series

## Data Sheet

### Features

- Dispensing area 500 x 500 x 100 mm (19.67 x 19.67 x 3.94 in)
- 2Y Axis can set different dispensing path.
- X/Y/Z-axis ball screw, increase robot stability and repeatability.
- Dot, line, arc etc. and 3D dispensing path is available.
- 100 program, 4000 points per program.
- Apply adhesives, cyanoacrylates, silicone, RTV, anaerobic resin, epoxy, UV cure formulations and many more fluids.
- A hand-held teach pendant is provided for simple and intuitive programming functions.
- Windows SRE software is available for CAD file input (optional).



SPECIFICATION	DT-500F2Y
Working Range X/Y1/Y2/Z (mm)	500 / 500 / 500 / 100
Load Y-Axis / A-Axis	5 kg / 3 kg
X & Y / Z (mm/sec)	0.1 - 600 / 300
Repeatability	± 0.01 mm / Axis
Program Capacity	100 programs 4000 points / program
Motor System	High resolution stepping motor
Control Method	PTP & CP
Interpolation Function	3 Axis
Programming Method	Teach pendant
I/O Signals Port	8 Inputs / 8 Outputs
External Control Interface	RS232
Power Supply	AC110 - 220V 320W
Working Temperature	0 - 40 °C
Working Relative Humidity	20 - 90% No condensation
Dimension (W x D x H)	685 x 715 x 670 mm
	26.97 x 28.15 x 26.38 in
Robot Weight (kg)	70 kg

