

DT-F

Desktop Dispensing Robot Series

Data Sheet

Features

- 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	MODEL			
	DT-200F	DT-300F	DT-400F	DT-500F
Working Range X/Y/Z (mm)	200 / 200 / 50	300 / 300 / 100	400 / 400 / 100	500 / 500 / 100
Load Y-Axis / A-Axis	5 kg / 3 kg	10 kg / 5 kg	10 kg / 5 kg	10 kg / 5 kg
X & Y / Z (mm/sec)	0.1 - 500 / 300	0.1 - 600 / 300	0.1 - 600 / 300	0.1 - 600 / 300
Resolution	0.001 mm / Axis			
Repeatability	± 0.01 mm / Axis			
Program Capacity	100 programs 4000 points / program			
Data Storage Type	512MB EmbedDisk			
Motor System	High resolution stepping motor			
Control Method	PTP & CP			
Interpolation Function	3 Axis			
Programming Method	Teach pendant / PC			
I/O Signals Port	8 Inputs / 8 Outputs			
External Control Interface	RS232			
Power Supply	AC110 - 220V 200W	AC110 - 220V 320W		
Working Temperature	0 - 40 °C			
Working Relative Humidity	20 - 90% No condensation			
Dimension (W x D x H)	380 x 370 x 500 mm	485 x 500 x 600 mm	585 x 600 x 600 mm	690 x 710 x 600 mm
	14.96 x 14.57 x 19.69 in	19.09 x 19.69 x 23.62 in	23.03 x 23.62 x 23.62 in	27.17 x 27.95 x 23.62 in
Robot Weight (kg)	23 kg	30 kg	40 kg	45 kg