

DESKTOP DISPENSING ROBOTS

Our TR Series robots provide an easy way to automate a wide range of dispensing processes while preserving desktop workspace. The increased efficiency and quality provided by these desktop robots help to improve production output turnover while reducing the number of rejected parts.

No PC Required | Easy Installation | Easily Input Dispensing Program With New Designed Teach Pendant | Use Edit Software to convert CAD Files to dispensing program | Apply 3D Space Dispensing Path



Specifications

Desktop Dispensing Robots

Model No.	TR3200	TR3300	TR3400	TR3500	TR4300	TR4400
No. of Axis	3	3	3	3	4	4
Working Area	200 / 200 / 50 mm	300 / 300 / 100 mm	400 / 400 / 100 mm	500 / 500 / 100 mm	300 / 300 / 100 mm	400 / 400 / 100 mm
Working Area R-axis / U-axis	-	-	-	-	± 360°	± 360°
Worktable Load / Tool	15 kg / 10 kg	15 kg / 10 kg	15 kg / 10 kg	15 kg / 10 kg	15 kg / 5 kg / 11g	15 kg / 5 kg / 11g
Max. Travel Speed	600 / 500 mm/sec	600 / 500 mm/sec	600 / 500 mm/sec	600 / 500 mm/sec	500 / 300 mm/sec	500 / 300 mm/sec
Repeatability	± 0.02 mm / axis	± 0.02 mm / axis	± 0.02 mm / axis	± 0.02 mm / axis	± 0.02 mm / axis	± 0.02 mm / axis
Memory Capacity	100 programs 4000 points / program	100 programs 4000 points / program	100 programs 4000 points / program	100 programs 4000 points / program	100 programs 4000 points / program	100 programs 4000 points / program
Data Storage	512 MB Embedded Disk	512 MB Embedded Disk	512 MB Embedded Disk	512 MB Embedded Disk	512 MB Embedded Disk	512 MB Embedded Disk
Display	Teach Pendant LCD	Teach Pendant LCD	Teach Pendant LCD	Teach Pendant LCD	Teach Pendant LCD	Teach Pendant LCD
Action Method	PTP & CP	PTP & CP	PTP & CP	PTP & CP	PTP & CP	PTP & CP
Interpolation	3 axes (3D space)	3 axes (3D space)	3 axes (3D space)	3 axes (3D space)	4 axes (3D space)	4 axes (3D space)
Teaching Method	Teach Pendant	Teach Pendant	Teach Pendant	Teach Pendant	Teach Pendant	Teach Pendant
I/O Signal	10 Inputs / 10 Outputs	10 Inputs / 10 Outputs	10 Inputs / 10 Outputs	10 Inputs / 10 Outputs	10 Inputs / 10 Outputs	10 Inputs / 10 Outputs
Power Supply	AC 100-220V, 250W	AC 100-220V, 300W	AC 100-220V, 300W	AC 100-220V, 300W	AC 100-220V, 300W	AC 100-220V, 300W
Working Temperature	10 - 50°C	10 - 50°C	10 - 50°C	10 - 50°C	10 - 50°C	10 - 50°C
Relative Humidity	20 ~ 90% no condensation	20 ~ 90% no condensation	20 ~ 90% no condensation	20 ~ 90% no condensation	20 ~ 90% no condensation	20 ~ 90% no condensation
Dimensions (W X D X H)	405 x 505 x 735 mm	495 x 600 x 750 mm	595 x 700 x 750 mm	695 x 800 x 750 mm	485 x 500 x 750 mm	585 x 600 x 750 mm
Weight	42 kg	45 kg	50 kg	55 kg	40 kg	50 kg
Stepper Motor	Micro Stepping Motor	Micro Stepping Motor	Micro Stepping Motor	Micro Stepping Motor	Micro Stepping Motor	Micro Stepping Motor