

783 SERIES – BALL SCREW 3 AXIS



The 3-axis benchtop robots of the 783 series include all the features of the 782 series, incorporating a PC and highly intuitive programming software. It is possible to program dispensing trajectories from a DXF file. The programming software runs on Windows, making it easy to perform backups and export programs. The entire robot history can be exported to a CSV file. Additional functionalities can be developed upon request, such as specific message displays and low product level detection.

MODELS	783-320L	783-420L	783-400L	783-500L	783-600L
Work area X/Y/Z(mm)	320 / 350 / 100	420 / 350 / 100	400 / 400 / 100	500 / 500 / 100	600 / 600 / 100
Load Surface Y Axis / X Axis	10 kg / 5 kg		15 kg / 12 kg		
Max speed XY / Z (mm/sec)	0.1 ~ 500 / 300				
Repeatability	0.001 mm / Axis				
Resolution	+/- 0.01 mm / Axis				
Program capacity	100 programs - 4000 points / program				
Display	19» LCD Monitor				
Drive system	X/Y/Z axis ball screw with AC servo motor driven				
Motion control	PTP & CP				
Linear/circular Interpolation	3 axis				
Motion control	Teach pendant				
I/O Signals	8 Inputs / 8 Outputs				
Power Supply	AC110 ~ 220V, 450W		AC220V 1 KW		
Operating temperature	0 - 40°C				
Relative Humidity of Operation	20 - 90% No condensation				
Dimensions (WxDxH mm)	558 x 647 x 600	685 x 647 x 600	654 × 700 × 770	754 × 800 × 770	854 × 895 × 770
Robot weight (kg)	60 kg	65 kg	70 kg	75 kg	80 kg