

Presto Vs05e/05le

Quick Handling Series

Robot Features

- > Fastest in class - high power AC motors shorten the cycle time
- > High precision - suitable for assembly of small parts
- > Very compact - 110cm arm and 400 cm² foot area reduces interference so that the robot can be installed in constrained spaces
- > Powerful - can handle large acceleration and deceleration making it very fast
- > VS05LE has longer reach arm to extend range and provide stability.
- > Advanced AX controller - based on embedded windows NT technology



Applications

- Handling
- Assembly
- Inspection
- Palletizing
- Machine tending

BASIC SPECIFICATIONS

		VS05E	VS05LE	
Construction		Articulated	Articulated	
Number of Axes		6	6	
Loading Weight on Wrist		5 Kg	5 Kg	
Drive		AC Servo Motor	AC Servo Motor	
Reach		653 mm	854 mm	
Maximum Stroke	Arm	J1 Swivel	± 2.97 rad	± 2.97 rad
		J2 Back & Forth	- 2.36 to + 1.75 rad	- 2.36 to + 1.75 rad
		J3 Up & Down	- 2.15 to +4.10 rad	- 2.16 to +4.35 rad
	Wrist	J4 Rotation 2	± 3.32 rad	± 3.32 rad
		J5 Bend	± 2.09 rad	± 2.09 rad
		J6 Rotation 1	± 6.28 rad	± 6.28 rad
Maximum Velocity	Arm	J1 Swivel	4.58 rad/sec	3.05 rad/sec
		J2 Back & Forth	4.19 rad/sec	3.49 rad/sec
		J3 Up & Down	5.24 rad/sec	3.49 rad/sec
	Wrist	J4 Rotation 2	5.24 rad/sec	5.24 rad/sec
		J5 Bend	5.24 rad/sec	5.24 rad/sec
		J6 Rotation 1	8.37 rad/sec	8.37 rad/sec
Repeatability		± 0.02 mm	± 0.03 mm	
Ambient Temperature		0~40°C	0~40°C	
Installation		Floor/Wall/Inverted	Floor/Wall/Inverted	
Robot Body Weight		28 Kg	29 Kg	

Note : For detailed specification, please contact our office.

OPERATING RANGES

