

Twin Table Desktop Robot

JR3000 SERIES

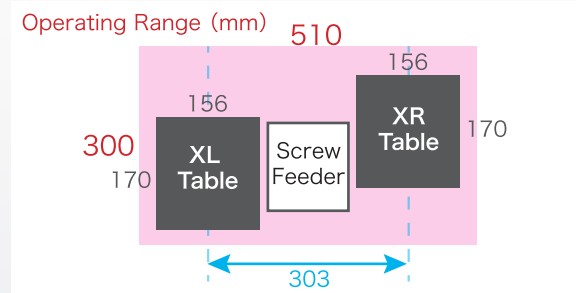
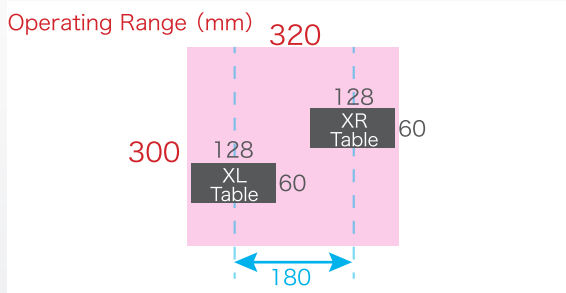
[JR3303T Dispensing / JR3353T Screw Tightening·Dispensing]



JR3303T Dispensing Model



JR3353T Screw Tightening Model



Increase Productivity

Higher utilization capacity and lower total tact time vs. conventional robots

Optimal Space & Equipment Usage

Uses less space than two conventional robots and requires only one tool


Dependable Product Quality

Advanced error detection functions prevent outflow of faulty products

Comprehensive Control & Monitoring

Built-in simple PLC function for peripheral device control

Specifications

Item		JR3303T	JR3353T
Model Type		Dispensing	Standard · Screw Tightening · Dispensing*1
Operating Range	X-L Axis	300 mm	300 mm
	X-R Axis	300 mm	300 mm
	Y Axis	320 mm	510 mm
	Z Axis	50 mm	100 mm
X Table Size		128 x 60 mm	156 x 170 mm
Space Between X Tables		180 mm	303 mm
Maximum Portable Load	Workpiece (each table)	7 kg	15 kg
	Tool	3.5 kg	7 kg
Max. Speed (PTP Drive)*2	X-L Axis	700 mm/sec	900 mm/sec
	X-R Axis	700 mm/sec	900 mm/sec
	Y Axis	700 mm/sec	900 mm/sec
	Z Axis	250 mm/sec	400 mm/sec
Max. Speed (CP Drive)*2	X · Y · Z Axes Combined	600 mm/sec	850 mm/sec
Repeatability *3	X-L Axis	± 0.007 mm	± 0.007 mm
	X-R Axis	± 0.007 mm	± 0.007 mm
	Y Axis	± 0.007 mm	± 0.008 mm
	Z Axis	± 0.006 mm	± 0.007 mm
Open Height (Variation)		130 mm (230 mm)	200 mm (125 mm / 350 mm)
External Dimensions (WxDxH)		560 x 534 x 554 mm	755 x 534 x 678 mm
Body Weight		35 kg	43 kg
Control Method		PTP (Point to Point), CP (Continuous Path)	
Interpolation		3-dimensional linear and arc interpolation	
Teaching Method		Remote Teaching (JOG) / Manual Data Input (MDI)	
Teaching System		JR C-Points II PC Software	
Teaching Pattern		Direct teaching using the optional Teaching Pendant; offline teaching using JR C-Points II PC software	
Teaching Pendant	Measurement Units	mm, inch	
Display Options	Languages	English, Japanese, German, Italian, Spanish, French, Korean, Chinese (Simplified & Traditional), Czech, Vietnamese	
Program Capacity		999 Programs	
Database Capacity *4		Up to 32,000 Points	
External Input/Output	I/O-SYS	16 Inputs / 16 Outputs	
	I/O-1 (Optional)	8 Inputs / 8 Outputs (including 4 relay outputs)	
	COM1	RS232C (for external device control, COM commands)	
	COM2、COM3 (Optional)	RS232C (for external device control)	
	MEMORY	For USB Memory Connection port (save and readout teaching data & customized data, upgrade system software)	
	LAN	Ethernet Connector for PC (for robot control via control commands, connecting to "JR C-Points II" PC software)	
Power Supply		AC100~120V/ AC200~240V (single phase)	
Power Capacity		240W	
Operating Environment Temperature		0~40°C	
Relative Humidity		20~90% (no condensation)	
External Appearance			

*1 For the JR3353T, three different model types are available. Please specify the model type at time of order.

*2 Maximum speed can vary depending upon conditions.

*3 Repeatability was measured at a constant temperature and does not represent a guarantee of absolute precision.

*4 Point data memory capacity reduces as additional function data settings/point job data/sequencer data are added, due to the shared data storage area.

<Standard Accessories>

· Operation Manual(CD-ROM) · Power Cord

<Options>

· Teaching Pendant · I/O-SYS Cable · I/O-1 Cable · PC Software JR C-Points II (Windows®7/8.1/10 Compatible) · Screwdriver Unit (for Screw Tightening Models)

- Before using our products, please be sure to check their respective operation manuals so that you can use them safely and correctly.
- If you have any questions, please contact us at the telephone number listed below, or visit our website.

C24-16(02.1)EN 2022.3-000

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