

JS-3 LYRA II

Soldering SCARA Robot

Combining our latest soldering unit LYRA II and highly-reliable SCARA-robot, the optimal solution was born.

User Friendly Teaching

This robot provides intuitive teaching for various soldering applications. The latest PC software makes it easy to manage the application data.

LYRA II +JS-3 Controller



Type		JS-330LYRA II	JS-340LYRA II	JS-350LYRA II
Arm Length	Maximum(J1+J2)	350mm	450mm	550mm
	J1 axis	125mm	225mm	325mm
	J2 axis	225mm		
Operation Range	J1 axis	340 (±170)°		
	J2 axis	290 (±145)°		
	J3 axis	200mm		
	J4 axis	720 (±360)°		
Maximum Speed	Combined(J1+J2+J4)	6,900mm/sec.	7,600mm/sec.	8,300mm/sec.
	J3 axis	2,080mm/sec.		
	J4 axis	2,500°/sec.		
Portable Weight		Maximum 6kg (Rating 3kg)		
Repeatability	Combined(J1+J2)	±0.010mm		±0.012mm
Weight of Robot		36kg		37kg
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), Direct Teaching		
Teaching Pattern		Direct teaching using optional Teaching Pendant II Offline teaching using optional JR C-Points II PC Software		
Program Capacity		999 programs		
Memory Capacity		32,000 point		
Simple PLC Function		1,000 step		
External Input / Output		LAN · I/O-SYS(15 Inputs / 14 Outputs) I/O-S · COM1 · I/O-MT(Optional) Fieldbus (CC-Link · DeviceNet · PROFIBUS · PROFINET · CANopen · Ethernet/IP Option)		
Power Source		AC200~240V(Single Phase)		

Accessories

ZSB Feeder



Air Blow Cleaners

CRB CRB-A2



Rotary Cleaners

SRC-500DC BRC-3000 SRC-3000



Fume Extractors

Bofa VAC-3000



VAC-4001A VAC-4002A



Nitrogen Generator



APN-05

Tip Position Correction Unit



FW71RH

Pre-Heater



Micro Monitoring Camera



High-Quality Portable Video Recorder

CVR-2100



Position Calibration Camera



Tip Thermometer



TTM-140