

JS TERRA / JS COMET

SCARA: Selective Compliance Assembly Robot Arm

This high-speed, axially-moving robot is ideal for use with in-line applications designed for full automation.

Type	JS250	JS350	JS450	JS550
J1 Arm	100mm	125mm	225mm	325mm
J2 Arm	150mm	225mm	225mm	225mm
Z axes	150mm	150mm	150mm	150mm
R axes	±360°	±360°	±360°	±360°
Max Payload	4kg	6kg	6kg	6kg
Max Speed (J1+J2)	4200mm/s	6300mm/s	5600mm/s	6200mm/s
Robot Weight	30kg	30kg	31kg	32kg



Comet



Terra

Teaching
Pendant

Control Box

Drive Method	AC servo motor
Control Method	PTP(Point to Point)control, CP(Continuous Path)control
Interpolating Function	3-Dimensional line and Arc interpolation
Position Detection	Absolute Encoder
Teaching Method	Remote teaching (JOG) / Manual data input(MDI) / Direct teaching
Teaching System	Original software : Simple and broad-use teaching system
Teaching Pattern	Programming by teaching pendant
Programming Capacity	255 programs
Data Memory Capacity	Maximum 30,000 points
Simple Sequencer	Maximum 1,000 steps
External Serial Interface	RS422 1ch (For teaching pendant) RS232C 1ch (For PC COM1) RS232C 1ch (External device COM3) COM2: Using solder controller
External Input / Output	I/O-SYS Input 15 / Output 14 I/O-1 Input 18 / Output 22(4-relay contact)
Power Consumption	950W(JS250) 1,050W(JS350~550)
Power Supply	AC180~250V(Single phase)
Working Ambience	Ambient temperature:0~40℃ Relative Humidity:20~90%

Accessories

ZSB Feeder



Air Blow Cleaners

CPB CPB-A2



Rotary Cleaners

6FG 6000G 6FG 3000 6FG 3000



Fume Extractors

6000 6000 (3000)



WAG 4001A WAG 4002A



Nitrogen Generator

WPH-05



Tip Position Correction Unit

TPH-01



Pre-Heater

YPH-10



Micro Monitoring Camera

CSS-2100



High-Quality Portable Video Recorder

CVR-2100



Position Calibration Camera

SC+A



Tip Thermometer

TTM-140

