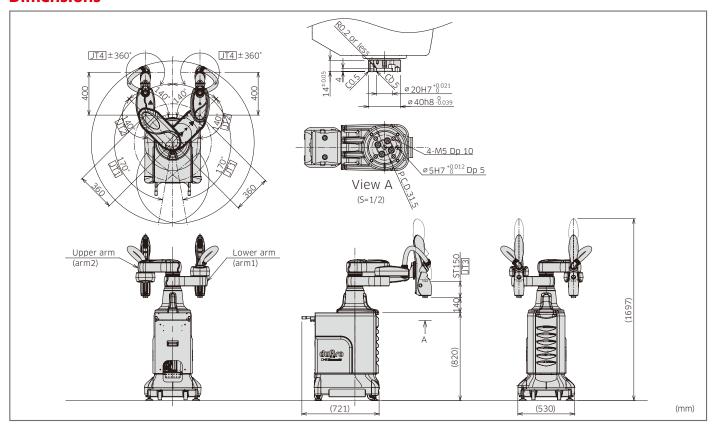


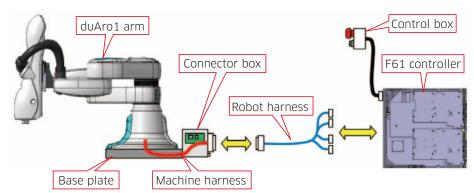
Kawasaki Robot dual-arm SCARA Robot



Dimensions



Optional separate type

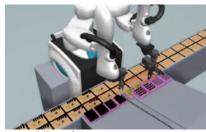


Specifications

		duAro 1	
Application		Assembly, handling, dispensing	
Degree of freedom (axes)		4 x 2 arms	
Max. payload (kg)		2 x 2 arms	
Positional repeatability (mm)		±0.05	
		Arm1 (lower arm)	Arm2 (upper arm)
Motion range	Arm rotation (°)	-170 - +170 (JT1)	-140 - +500 (JT1)
	Arm rotation (°)	-140 - +140 (JT2)	-140 - +140 (JT2)
	Ar up-down (mm)	0 - +150 (JT3)	0 - +150 (JT3)
	Wrist swivel (°)	-360 - +360 (JT4)	-360 - +360 (JT4)
Number of controlled axes		Max. 12 (standard 8, optional 4)	
Drive system		Full digital servo system	
Type of motion control	Manual mode	Coordinated movement of 2 arms, Individual movement of 1 arm, (Interpolation mode), Joint, Base, Tool	
	Auto mode	Coordinated movement of 2 arms, Individual movement of 2 arm, (Interpolation mode), Joint, Linear interplated motion	
Programming		Direct teaching method through tablets	
Memory capacity (MB)		16	
I/O signal	General input (No. of input)*2	16 (max. 80)	
	General output (No. of output)*2	16 (max. 80)	
Power requirements		AC200-230V ±10%, 50/60Hz ±2%, Single phase, Max. 2.0kVA*1	
		Class-D (3rd class) earth connection (earth connection dedicated to robots), leakage current: max. 10mA	
Mass (kg)		200kg (integrated type), 90 kg (separated type arm unit)	
Installation		Floor	
Enrironmental condition	Temperature(°C)	5 - 40*2	
	Humidity (%)	35 - 85 (no dew, nor frost allowed) *2	

^{*1:} At the time of power activation, rush current generates in the range of several to tens of several times of the normal current. Due to such rush current, the supply voltage could drop. It is recommended to select a power supply capacity with enough room to cope with such instantaneous current change.
*2: Please consult with us for use of specifications other than specified above.

Application



Assembling of PCBs



Filling cups with soup

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