Clean type: Extra small type

Note. Built-to-order product. Contact us for the delivery period.

Arm length 180mm
Maximum payload 1kg

■ Ordering method

YK180XC - 100

RCX340-4

Specify various controller setting items. RCX340 ▶ **P.566** 

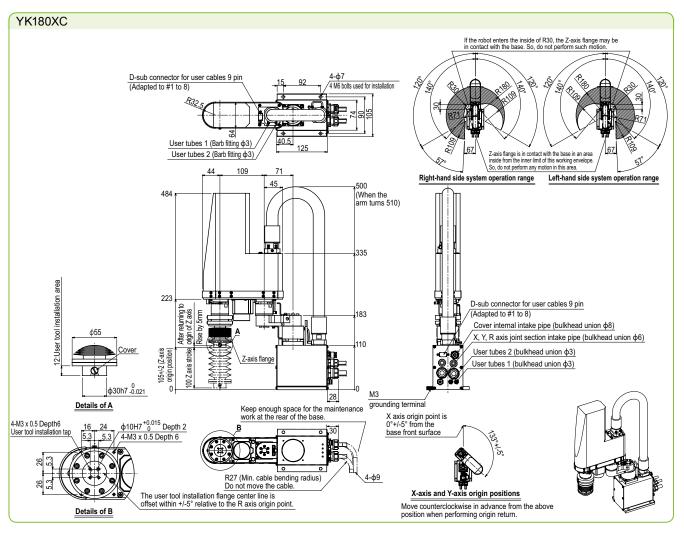
■ Basic specifications						
		X axis	Y axis	Z axis	R axis	
Axis specifications	Arm length (mm)	71	109	100	-	
	Rotation angle (°)	+/-120	+/-140	-	+/-360	
AC servo motor output (W)		50	30	30	30	
Repeatability Note 1 (XYZ: mm) (R: °)		+/-0.01		+/-0.01	+/-0.004	
Maximum speed (XYZ: m/sec) (R: */sec)		3.3		0.7	1700	
Maximum payload (kg)		1.0				
Standard cycle time: with 0.1kg payload Note 2 (sec)		0.42				
R-axis tolerable moment of inertia Note 3 (kgm²)		0.01				
User wiring (sq × wires)		0.1 × 8				
User tubing (Outer diameter)		ф3 × 2				
Travel limit		1.Soft limit, 2.Mechanical limit (X, Y, Zaxis)				
Robot cable length (m)		Standard: 3.5 Option: 5, 10				
Weight (kg) (Excluding robot cable) Note 4		6.5				
Robot cable weight		1.5kg (3.5m) 2.1kg (5m) 4.2kg (10m)				
Degree of cleanliness		CLASS 10 (0.1 µm base)				
Intake air (N&/min)		30				

■ Controller							
Controller	Power capacity (VA)	Operation method					
RCX340	500	Programming / I/O point trace / Remote command / Operation using RS-232C communication					

Note 1. This is the value at a constant ambient temperature. (X,Y axes)

Note 2. When moving 25mm in vertical direction and 100mm in horizontal direction reciprocally. Note 3. The acceleration coefficient is set automatically in accordance with the tip weight and R-axis moment of inertia settings

Note 4. The total robot weight is the sum of the robot body weight and the cable weight.



Controller