

YK400X

Standard Type

Arm length 400mm/Maximum payload 3kg

Robot ordering method

YK400X - 150 - 3L - RCX142 - E - N1 - CC - S

Model Z axis stroke Cable length Controller CE Expansion I/O Network Battery

150: 150mm (MAX:300mm*)
3L: 3.5m
5L: 5m
10L: 10m

Blank-Standard
E-CE specification

Controller type: Refer to the Controller Catalog for further details.

Basic specifications

Model		YK400X	
Axis specifications	X axis	Arm length	225mm
		Rotation range	± 115°
	Y axis	Arm length	175mm
		Rotation range	± 140°
Z axis	Stroke	150mm	
R axis	Rotation range	± 180°	
Motor	X axis	200W	
	Y axis	100W	
	Z axis	100W	
	R axis	100W	
Maximum speed	X, Y combined	6.0m / s	
	Z axis	1.0m / s	
	R axis	1020° / s	
Repeatability*1	X, Y axis	± 0.01mm	
	Z axis	± 0.01mm	
	R axis	± 0.005°	
Max. payload		3kg	
Standard cycle time (with 2kg payload)		0.66 sec.	
R axis allowable moment inertia*2		0.049kgm ² (0.5kgfcm ²)	
User wiring		0.2sq × 10 wires	
User tubing		ø4 × 3	
Movement limit setting		1. Soft limit, 2. Mechanical limit (X, Y, Z axes)	
Robot cable		Standard 3.5m Option: 5m, 10m	
Controller, Power supply capacity		RCX142, 1000VA	
Weight		15kg	



YK400X

*1: This is the value at a constant ambient temperature. (X, Y axes)
*2: There are limits to the setting of the acceleration coefficient.

