YK400X

Arm length 400mm/Maximum payload 3kg

Robot ordering method

YK400X -

150:150mm

- 3L:3.5m

* The products with Z axis stroke of 200 mm or more are built to the order. Contact us for the delivery period, specifications, external appearance, etc.

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

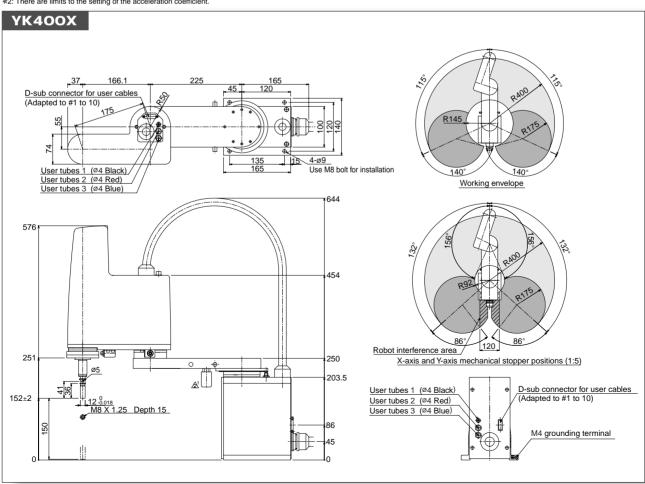
Basic specifications

Model		YK400X
X axis	Arm length	225mm
	Rotation range	± 115°
Axis Y axis specifications	Arm length	175mm
	Rotation range	± 140°
Z axis	Stroke	150mm
R axis	Rotation range	± 180°
	X axis	200W
	Y axis	100W
Motor	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		0.049kgm² (0.5kgfcms²)
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
	Y axis Z axis R axis or a speed Max. payl ycle time (w lowable mc User wiri User tub vement lim Robot ca or, Power su	Rotation range



YK400X

*2: There are limits to the setting of the acceleration coefficient.



^{*1:} This is the value at a constant ambient temperature. (X, Y axes)