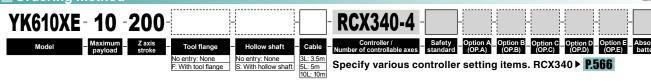
YK610XE-10 Standard type: Medium type OLOW COST HIGH PERFORMANCE MOD ●LOW COST HIGH PERFORMANCE MODEL

🔵 Arm length 610mm 🚺 🔵 Maximum payload 10kg

Ordering method



Note. The return-to-origin method is provided only in the sensor specifications, but not in the stroke end specifications

Specifications							
			X-axis	Y-axis	Z-axis	R-axis	
Axis specifications	Arm length		335 mm	275 mm	200 mm	-	
	Rotation angle		+/-134 °	+/-152 °	-	+/-360 °	
AC servo motor output			400 W	200 W	200 W	200 W	
Deceleration mechanism	Transmission	Motor to speed reducer	Direct-coupled Timir		ng belt		
	method	Speed reducer to output	Direct-coupled		Timing belt		
Repeatability Note 1			+/-0.01 mm		+/-0.01 mm	+/-0.01 °	
Maximum speed			8.6 m/sec		2 m/sec	2600 °/sec	
Maximum payload			10 kg (Standard specification), 9 kg (Option specifications Note 4)				
Standard cycle time: with 2kg payload Note 2			0.39 sec				
R-axis tolerable moment of inertia Note 3			0.3 kgm ²				
User wiring			0.2 sq × 20 wires				
User tubing (Outer diameter)			φ 6 × 3				
Travel limit			1.Soft limit 2.Mechanical stopper (X,Y,Z axis)				
Robot cable length			Standard: 3.5 m Option: 5 m, 10 m				
Weight			25 kg				
Note 1. This is the	value at a constar	nt ambient temperature. (X,)	(axes)				

Controller Controller Power capacity (VA) Operation method Programming / Remote command / RCX340 1700 Operation using RS-232C communication

OYAHAS

Note.	The movement range can be restricted by adding the X- and
	Y-axis mechanical stoppers. (The maximum movement range
	was act at abipment)

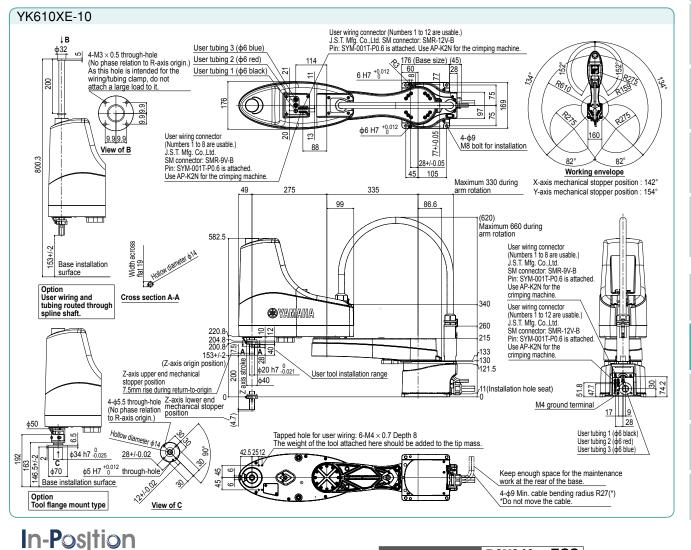
was set at shipment.) See our robot manuals (installation manuals) for detailed information. To set the standard coordinates with high accuracy, use a

Note. standard coordinate setting jig (option). Refer to the user's manual (installation manual) for more details.

Our robot manuals (installation manuals) can be downloaded from our website at the address below https://global.yamaha-motor.com/business/robot/

Technologies

Note 2. When reciprocating 300mm in horizontal and 25mm in vertical directions and performing the coarse positioning arch operation. Note 3. The acceleration coefficient is set automatically in accordance with the tip weight and offset amount for R-axis moment of inertia settings. Note 4. Maximum payload of option specifications (with user wiring/tubing through spline type) is 9kg.



RCX340 ► 566