● Arm length 700mm ● Maximum payload 10kg

Note. This model is a special order product. Please consult us for delivery time.

Standard type: Large type

■ Ordering method RCX340-4 YK700XGL Z axis stroke - Tool flange | Cable | 200: 200mm | No entry: None | 3L: 3.5m | 5L: 5m | 5L: 5m | Z axis stroke 3L: 3.5m 5L: 5m 10L: 10m Specify various controller setting items. RCX340 ▶ **P.508**

■ Specifications							
		X-axis	Y-axis	Z-axis	R-axis		
Axis	Arm length		400 mm	300 mm	200 mm 300 mn	n -	
specifications	Rotation angle		+/-130 °	+/-145 °	- +/-360 °		
AC servo motor output			400 W	200 W	200 W	200 W	
	Speed reducer		Harmonic drive	Harmonic drive	Ball screw	Harmonic drive	
Deceleration mechanism	Transmission method	Motor to speed reducer	Direct-coupled				
		Speed reducer to output	Direct-coupled				
Repeatability Note 1			+/-0.0)1 mm	+/-0.01 mm	+/-0.005 °	
Maximum speed			9.2 n	n/sec	2.3 m/sec 1.7 m/se	c 1700 °/sec	
Maximum payload			10 kg (Standard type), 9 kg (Option: Tool flange mount type)				
Standard cycle time: with 2kg payload Note 2			0.50 sec				
R-axis tolerable moment of inertia Note 3			0.30 kgm²				
User wiring			0.2 sq × 20 wires				
User tubing (Outer diameter)			ф6 × 3				
Travel limit			1.Soft limit 2.Mechanical stopper (X,Y,Z axis)				
Robot cable length			Standard: 3.5 m Option: 5, 10 m				
Weight			32 kg				

1700

■ Controller

RCX340

Note. "Harmonic" and "Harmonic drive" are the registered trademarks of Harmonic Drive Systems Inc.

Note. The movement range can be limited by changing the positions of X and Y axis mechanical stoppers. (The movement range is set to the maximum at the time of shipment.)

See our robot manuals (installation manuals) for detailed information.

Controller Power capacity (VA) Operation method

Programming / I/O point trace / Remote command /

Operation using RS-232C communication

Information.

To set the standard coordinates with high accuracy, use a 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: http://global.yamaha-motor.com/business/robot/

Note 1. This is the value at a constant ambient temperature. (X,Y axes) Note 2. When reciprocating 300mm in horizontal and 25mm in vertical directions. Note 3. There are limits to acceleration coefficient settings.

YK700XGL
User tubing 1 (\$\phi\$ Black) User tubing 2 (\$\phi\$ Red) User tubing 3 (\$\phi\$ Blue) Working envelope of
Stroke Machine harness 652 Maximum 710 during arm rotation 4-65.5 through-hole Hollow Glameter, 674 Asks mechanical stopper position: 132' 259 Morking envelope of left-handed system View of B Option: Tool flange mount type 450 Working envelope of left-handed system View of B 131.1+/-2 132.44 137.6+/-2 138.5 148 Sandard type Stroke Machine harness 652 Morking envelope of left-handed system View of B Option: Tool flange mount type 450 User tubing 1 (66 Blac) Vaxis mechanical stopper position: 132' Vaxis mechanical stopper position: 147' 466 Blue) Standard type Standa
4-M4 x 0.7 through-hole for tool attachment Four M4 x 10L binding screws are supplied. Do not screw the screws in deeper than 10mm from bottom surface of arm. Reep enough space for the maintenance work at the rear of the base. Repenough space for the maintenance work at the rear of the base. YK700XGL Z200mm Stroke specification Z300mm Stroke specification