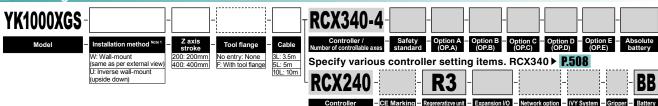
## **YK1000XGS**

Wall-mount / inverse type

- CE Marking - Rege

Arm length 1000mm
Maximum payload 20kg

■ Ordering method



Specify various controller setting items. RCX240/RCX240S▶ P.495

■ Controller

Note 1. When installing the robot, always follow the specifications When installing the robot, aways rollow the specimedons.

Do not install the ceiling-mount robot upside down or do not install the inverse type robot to a ceiling. Incorrect installation can cause trouble or malfunction.

■ Specifications						
			X-axis	Y-axis	Z-axis	R-axis
Axis	Arm length		600 mm	400 mm	200 mm 400 mm	-
specifications	Rotation angle		+/-130 °	+/-150 °	_	+/-360 °
AC servo motor output			750 W	400 W	400 W	200 W
Deceleration mechanism	Speed reducer		Harmonic drive	Harmonic drive	Ball screw	Harmonic drive
	Transmission method	Motor to speed reducer	Direct-coupled			
		Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.02 mm +/-		+/-0.01 mm	+/-0.004 °
Maximum speed			10.6 m/sec 2.3 m/sec 4.7 m/sec		920 °/sec (wall-mount 480 °/sec (inverse wall-mount	
Maximum payload			20 kg (Standard specification), 19 kg (Option specifications)			
Standard cycle time: with 2kg payload Note 2			0.49 sec			
R-axis tolerable moment of inertia Note 3			1.0 kgm <sup>2</sup>			
User wiring			0.2 sq × 20 wires			
User tubing (Outer diameter)			ф 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			Z axis 200 mm: 56 kg Z axis 400 mm: 58 kg			
Note 1. This is the	value at a constar	at ambient temperature (X)	V 0400)			

Controller Power capacity (VA) Operation method Programming / I/O point trace RCX340 Remote command / 2500 RCX240-R3 Operation using RS-232C communication

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

Our robot manuals (installation manuals) can be nloaded 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. See P.539.
Note. Please consult YAMAHA when connecting other tubes and cables to the self-supporting machine harness.

