



Specifications

Model		CRX-107A	CRX-107A/L
Controlled axes		6 axes (J1, J2, J3, J4, J5, J6)	
Reach		1249 mm	1418 mm
Installation (see Note 2)		Floor, Upside-down, Angle mount	
Motion range (Maximum motion speed) (see Note 3)	J1	380° (120° /s) 6.63 rad (2.09 rad/s)	360° (120° /s) 6.28 rad (2.09 rad/s)
	J2	360° (120° /s) 6.28 rad (2.09 rad/s)	
	J3	570° (180° /s) 9.95 rad (3.14 rad/s)	540° (180° /s) 9.42 rad (3.14 rad/s)
	J4	380° (180° /s) 6.63 rad (3.14 rad/s)	
	J5	360° (180° /s) 6.28 rad (3.14 rad/s)	
	J6	380° (180° /s) 6.63 rad (3.14 rad/s)	
Maximum motion speed (see Note 3)		1000 mm/s	
Maximum payload capacity at wrist		10 kg	
Allowable load moment at wrist	J4	34.8 Nm	
	J5	26.0 Nm	
	J6	11.0 Nm	
Allowable load inertia at wrist	J4	1.28 kg·m ²	
	J5	0.90 kg·m ²	
	J6	0.30 kg·m ²	
Repeatability		±0.05 mm	
Weight (see Note 4)		39 kg or less	
Installation environment		Ambient temperature: 0 to 45°C Ambient humidity: Normally 75%RH or less. No dew allowed. Short time (within one month) Max 95%RH Vibration acceleration: 4.9m/s ² (0.5G) or less	
Controller R-30iB Mini Plus	Power source	AC 100 ~ 120V, AC200 ~ 240V Single-phase +10% -15%, 50/60Hz ± 1Hz	
	Mass	19 kg or less	
	Dimension (W x D x H)	420 x 290 x 370 mm	
	IP Rating	IP54	