

Model		CR-4 <i>i</i> A	CR-7 <i>i</i> A	CR-7 <i>i</i> A/L
Controlled axes		6 axes (J1, J2, J3, J4, J5, J6)		
Reach		550 mm	717 mm	911 mm
Installation (Note 1)		Floor, Upside-down, Angle mount		
Motion range	J1 axis	340° 5.93 rad	340° 5.93 rad	340° 5.93 rad
	J2 axis	150° 2.61 rad	166° 2.89 rad	166° 2.89 rad
	J3 axis	354° 6.17 rad	373° 6.51 rad	383° 6.68 rad
	J4 axis	380° 6.63 rad	380° 6.63 rad	380° 6.63 rad
	J5 axis	200° 3.49 rad	240° 4.18 rad	240° 4.18 rad
	J6 axis	720° 12.57 rad	720° 12.57 rad	720° 12.57 rad
Max. load capacity at wrist (Note 2)		4 kg	7 kg	7 kg
Maximum speed (Note 3, Note 4)		1000 mm/s		
Allowable load moment at wrist	J4 axis	8.86 N·m	16.6 N·m	16.6 N·m
	J5 axis	8.86 N·m	16.6 N·m	16.6 N·m
	J6 axis	4.90 N·m	9.4 N·m	9.4 N·m
Allowable load inertia at wrist	J4 axis	0.20 kg·m ²	0.47 kg·m ²	0.47 kg·m ²
	J5 axis	0.20 kg·m ²	0.47 kg·m ²	0.47 kg·m ²
	J6 axis	0.067 kg·m ²	0.15 kg·m ²	0.15 kg·m ²
Repeatability (Note 5)		±0.01 mm	±0.01 mm	±0.01 mm
Mass (Note 6)		48 kg	53 kg	55 kg
Installation environment		Ambient temperature : 0 to 45°C Ambient humidity : Normally 75 %RH or less (No dew nor frost allowed) Short time (within one month) Max.95%RH Vibration acceleration : 4.9 m/s ² (0.5G) or less		