

N6 Spec. Sheet

Model name		N6
Model number		N6-A1000S/SR/SB/SBR
Payload (Load) ^{*1}	Rated	3 kg
	Max.	6 kg
Max. reach	P point :Joint #1-5 center	1010 mm
	Joint #1-6 flange surface	1110 mm
Repeatability	Joints #1-6	± 0.04 mm
Max. motion range	Joint #1	± 180 deg
	Joint #2	± 180 deg
	Joint #3	± 180 deg
	Joint #4	± 200 deg
	Joint #5	± 125 deg
	Joint #6	± 360 deg
Max. operating speed	Joint #1	326 deg/s
	Joint #2	326 deg/s
	Joint #3	444 deg/s
	Joint #4	444 deg/s
	Joint #5	450 deg/s
	Joint #6	537.8 deg/s
Allowable moment of inertia ^{*2}	Joint #4	0.42 kg·m ²
	Joint #5	0.42 kg·m ²
	Joint #6	0.14 kg·m ²
Mounting	Table top / Ceiling ^{*3}	
Installation environment	Standard	
Weight (cables not included)	69 kg	
Applicable controller	RC700-A	
Power source	AC200-240V single phase	
Power consumption ^{*4}	1.0 kVA	
Power cable length	3m / 5m / 10m / 15m / 20m	
Installed cable for customer use	D-sub 15 pin, RJ45 8 pin x 2 (Cat 5e, for vision and force sensor)	
Installed pneumatic hose for customer use	ø6 mm x 2: 0.59 MPa (6 kgf/cm ² : 86 psi)	
Safety standard	CE mark, KCs mark	

*1: Do not exceed the maximum payload.

*2: When the center of gravity is at the center of the arms. If the center of gravity is not in the center of the arms, set the amount of eccentricity using the INERTIA command.

*3: Manipulators are set up at the factory for tabletop mounting. If mounting a manipulator on a ceiling, you need to change the settings in the RC+ software.

*4: Actual power consumption will vary depending on the operating environment and program.