

Standard robot specifications

Item	Specification		
Model	PR1400	PR1800	
Control axis	6 axes	6 axes	
Motion area	Max. reach (mm)	1368	1710
	Min. reach (mm)	355	467
	Front and back motion distance (mm)	1013	1243
Motion range	Ws axis rotation (deg)	±170	±170
	Sh axis rotation (deg)	-160 ~ +90	-155 ~ +100
	Eb axis rotation(deg)	-87.5 ~ +77.8	-84 ~ +133
	Rt axis rotation(deg)	±180	±180
	Bn axis rotation (deg)	-60 ~ +210	-50 ~ +230
	Tr axis rotation (deg)	±270	±360
Max. speed	Ws axis rotation (deg/s)	190	195
	Sh axis rotation(deg/s)	190	190
	Eb axis rotation(deg/s)	190	180
	Rt axis rotation (deg/s)	370	400
	Bn axis rotation (deg/s)	370	400
Tr axis rotation (deg/s)	600	600	
Payload (kg)	6	20	
Repeatability (mm)	±0.05	±0.06	
Total driving power of motor (kw)	4	6	
Specification of brake	All axes with brake		
Protection grade	IP50		
Installation mode	Floor, upside-down,flank-mounted		
Weight of robot (kg)	150	278	
Service environment	0-45 C /20%-80%RH (no moisture condensation)		
Storage environment	-25~-60 C /10%RH~90%RH (no moisture condensation)		

