

TV1000



Type	TV1000	
Arm length	Total length	1,000 mm
	1st arm	480 mm
	2nd arm	520 mm
	Reach	1,090 mm
Working envelope	Axis 1	±170°
	Axis 2	-100~+150°
	Axis 3	-127~+167°
	Axis 4	±190°
	Axis 5	±120°
	Axis 6	±360°
Maximum speed	Axis 1	237°/s
	Axis 2	240°/s
	Axis 3	288°/s
	Axis 4	350.5°/s
	Axis 5	484°/s
	Axis 6	576°/s
	Composite	9.61 m/sec
Standard cycle time ^{*1}	0.6 sec level	
Maximum payload mass	5 kg (rated: 2 kg)	
Allowable moment of inertia ^{*2}	Axis 4	0.3 kg·m ²
	Axis 5	0.3 kg·m ²
	Axis 6	0.05 kg·m ²
Positioning repeatability ^{*3}	X-Y-Z	±0.03 mm
Hand wiring ^{*4}	8 inputs and 2 outputs	
Hand pneumatic joint ^{*5}	φ6×3 pieces	
Robot controller cable	5 m	
Power supply	2.5 kVA	
Mass	47 kg	
Connectable controller	TS3100, TS3100E	

Please refer to pg.16 for more information on *1~*5

External view

