

# TVM1200



Models		TVM1200
Arm Length	Total	1,200 mm
	1st Arm	600 mm
	2nd Arm	600 mm
	Reach	1,432 mm
Working Envelope	Axis 1	±170°
	Axis 2	-80~+170°
	Axis 3	-60~+170°
	Axis 4	±190°
	Axis 5	±120°
	Axis 6	±360°
Maximum Speed	Axis 1	223°/s
	Axis 2	191°/s
	Axis 3	270°/s
	Axis 4	412°/s
	Axis 5	336°/s
	Axis 6	720°/s
Composite	10.7 m/s	
Maximum Load Mass		15 kg (rated: 5 kg)
Allowable moment of inertia <sup>1)</sup>	Axis 4	1.8 kg·m <sup>2</sup>
	Axis 5	1.8 kg·m <sup>2</sup>
	Axis 6	0.3 kg·m <sup>2</sup>
Positioning repeatability <sup>2)</sup>	X-Y-Z	±0.05 mm
Hand wiring <sup>3)</sup>		8 inputs and 8 outputs
Hand pneumatic joint <sup>4)</sup>		φ6×4 pieces
Robot controller cable		5 m
Power Supply		6.9 kVA
Mass		125 kg
Connectable controller		TSL3200E

Please refer to pg.11 for more information on \*1~\*4

## External view

### External dimensions and operation range

The point P is the cross point of J5 and J6 axes

