

LS6

Affordable and High Performance

- Arm Lengths Range from 500 – 700 mm
- Compact Footprint
- Fast Cycle Throughput



Specifications

		LS6-502	LS6-602	LS6-702
Mounting type			Tabletop	
Arm length	Arm #1, #2	500 mm	600 mm	700 mm
Max. operating speed	Joints #1, #2	6150 mm/s	6800 mm/s	7450 mm/s
	Joint #3		1100 mm/s	
	Joint #4		2000°/s	
Weight (cables not included)		17 kg	17 kg	18 kg
Repeatability	Joints #1, #2		±0.02 mm	
	Joint #3		±0.01 mm	
	Joint #4		±0.01°	
Max. motion range	Joint #1		±132°	
	Joint #2		±150°	
	Joint #3 (Cleanroom model)		200 mm (170 mm)	
	Joint #4		±360°	
	Rated		2 kg	
Payload	Maximum		6 kg	
Standard cycle time¹		0.38 sec	0.39 sec	0.42 sec
Joint #4 allowable moment of inertia²	Rated		0.01 kg±m ²	
	Maximum		0.12 kg±m ²	
Motor power consumption	Joint #1		200 W	
	Joint #2		200 W	
	Joint #3		100 W	
	Joint #4		100 W	
Joint #3 downward force			100 N	
Home			Home-return-less	
Installed wire for customer use			15Pin D-Sub	
Installed pneumatic tube for customer use			Φ4 mm × 1, Φ6 mm × 2	
Installation environment			Standard/Cleanroom ³	
Applicable controller			RC90	
Safety standards			CE, ANSI/RIA15.06-2012	

Sales inquires: 562-290-5997

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¹ Cycle time based on round-trip arch motion (300 mm horizontal, 25 mm vertical) with 1 kg payload (path coordinates optimized for maximum speed). | ² When payload center of gravity is aligned with Joint #4; if not aligned with Joint #4, set parameters using INERTIA command. | ³ Complies with ISO Class 4 cleanroom standards.

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