

P10 series/
Scara Robot

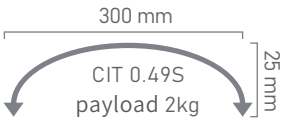


Model P10-702S / P10-703S

Operating range Arm length700mm Joint#3 stroke 200/300mm

Payload Rated 5kg/Maximum 10kg

Standard cycle time 0.49 sec



Cycle time based on round-trip arch motion (300mm horizontal,25mm vertical) with 2kg payload (path coordinates optimized for maximum speed)

Repeatability ± 0.025mm ± 0.01mm ± 0.01°
Joint #1,#2 Joint #3 Joint #4

Parameters of each axis

Joint Content	#1	#2	#3	#4
MAX Operating Speed	9800mm/s		1098mm/s	1580° /s
MAX Motion Range	±132°	±150°	200mm 300mm	± 360°
Motor Power Consumption	750W	750W	400W	400W
Joint#3 down force			250N	
Weight	30kg (cables not included)			

Joint #4 allowable moment of inertia, rate 0.02kg·m², maximum 0.3kg·m²

Electrical parameters	Origin Return	None Need Origin Return
	Installed wire for customer	26 Pin (D-Sub Connector)
	Installed pneumatic tube for customer use	φ4mm*2, φ6mm*2
	Visual Interface	M12*2 Gigabit network interface
	Installation Environment	Standerd/Clean (Customized)

Outer Dimensions and Motion Range

