

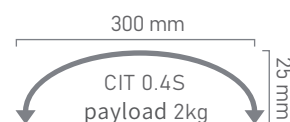
Scara Robot

Model **P6-602S**

Operating range Arm length 600mm Joint#3 stroke 200mm

Payload Rated 2kg/Maximum 6kg

Standard cycle time 0.4 sec



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

Repeatability	$\pm 0.02\text{mm}$	$\pm 0.01\text{mm}$	$\pm 0.01^\circ$
	Joint #1,#2	Joint #3	Joint #4

Parameters of each axis

Joint Content	#1	#2	#3	#4
MAX Operating Speed	6800mm/s		1100mm/s	2000°/s
MAX Motion Range	±132°	±150°	200mm	±360°
Motor Power Consumption	400W	400W	200W	100W
Joint#3 down force			100N	
Weight	20kg (cables not included)			

Joint #4 allowable moment of inertia, rate $0.01\text{kg}\cdot\text{m}^2$, maximum $0.12\text{kg}\cdot\text{m}^2$

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

