

P100 series

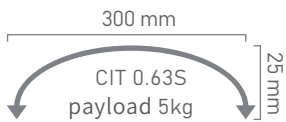
Scara Robot

Model P100-1204S

Operating range Arm length1200mm Joint#3 stroke400mm

Payload Rated 60kg/Maximum 100kg

Standard cycle time 0.63 sec



Cycle time based on round-trip arch motion (300mm horizontal,25mm vertical) with 5kg payload (path coordinates optimized for maximum speed)

Repeatability ±0.05mm ±0.02mm ±0.005°
Joint #1,#2 Joint #3 Joint #4

Parameters of each axis

Joint Content	#1	#2	#3	#4
MAX Operating Speed	7400 mm/s		750 mm/s	600° /s
MAX Motion Range	±125°	±150°	400mm	±180°
Motor Power Consumption	2000W	1000W	750W	750W
Weight	124kg (cables not included)			

Joint #4 allowable moment of inertia, rate 2.45kg·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

