

T3 Spec. Sheet

Model name		T3
Model number		T3-401S
Payload (Load) ^{*1}	Rated	1 kg
	Max.	3 kg
Arm length (Joints #1+#2)		400 mm
Repeatability	Joint#1~2	± 0.02 mm
	Joint#3	± 0.02 mm
	Joint#4	± 0.02 deg
Standard cycle time ^{*2}		0.54 sec
Max. motion range	Joint#1	± 132 deg
	Joint#2	± 141 deg
	Joint#3	150 mm
	Joint#4	± 360 deg
Max. operation speed	Joint#1-2	3700 mm/s
	Joint#3	1000 mm/s
	Joint#4	2600 deg/s
Join#4 allowable moment of inertia ^{*3}	Rated	0.003 kg·m ²
	Max.	0.01 kg·m ²
Joint #3 down force		83 N
Mounting type		Table Top
Installation Environment		Standerd
Weight (cables not included)		16 kg
Applicable Controller		Built in controller
Power / cable length		AC100-240V / 5m
Power Consumption ^{*4}		0.66 kVA
Installed wire for customer use		Hand I/O: IN6/OUT4(D-sub 15pin), User I/O:IN18/OUT12
Installed pneumatic tube for customer use		ø6 mm x 2, ø4mm x 1 : 0.59 MPa (6 kgf/cm ² : 86 psi)
Safety standard		CE mark

*1 : Do not apply the load exceeding the maximum payload.

*2 : Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 1 kg payload (path coordinates optimized for maximum speed).

*3 : If the center of gravity is at the center of each arm. If the center of gravity is not at the center of each arm, set the eccentric quantity using INERTIA command.

*4 : It depends on operating environment and operation program.