

CTS003-400

SCARA robots · CTS

Catalogue checked: 2026-10-08



Axes	4
Reach	400 mm
Rated payload	1 kg
Maximum payload	3 kg
Repeatability · XY	±0.01 mm

More parameters

Repeatability · Z	±0.01 mm
Repeatability · rotation	±0.01°
Z travel	170 mm
Robot weight	13 kg
Power consumption	0.7 kW

Compiled from the manufacturer product page, with the model image and full parameters. Source table grouping is preserved; label spelling and spacing have been edited. This is a subsite compilation, not a manufacturer-issued datasheet.

Full parameter tables

Robot model	CTS003-400	
Function	Material handling, 3C products	
Total axes	4	
Maximum reach	400mm	
Payload	Rated load	1kg
	Maximum load	3kg
Permissible inertial torque of rotating axis	Rated torque	0.005kg.m ²
	Maximum torque	0.05kg.m ²
Position repeat accuracy	1st axis+2nd axis	±0.01mm
	3 Elevating axis	±0.01mm
	4 Rotation axis	±0.01°
Max speed	1st axis	720°/sec
	2nd axis	720°/sec
	3 Elevating axis	1000mm/sec
	4 Rotation axis	2500°/sec
Max operating area	1st axis	±132°
	2nd axis	±141°
	3 Elevating axis	170mm
	4 Rotation axis	±360°
Installation parameters	Floor mounted	
Robot weight	13Kg	
Power consumption	0.7kw	
Installation environment	Temperature	0~+45°C
	Humidity	20~80%R(No condensation)
	Vibration	4.9M/S ² below