

CTS010-800

SCARA robots · CTS

Catalogue checked: 2026-10-08



Axes	4
Reach	800 mm
Rated payload	5 kg
Maximum payload	10 kg
Repeatability · XY	±0.02 mm

More parameters

Repeatability · Z	±0.01 mm
Repeatability · rotation	±0.01°
Z travel	200 mm
Robot weight	28 kg
Power consumption	1.55 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	CTS010-800	
Function	Material handling, 3C products	
Total axes	4	
Maximum reach	800mm	
Payload	Rated load	5kg
	Maximum load	10kg
Position repeat accuracy	1st axis+2nd axis	±0.02mm
	3 Elevating axis	±0.01mm
	4 Rotation axis	±0.01°
Max speed	1st axis	300°/sec
	2nd axis	375°/sec
	3 Elevating axis	1041mm/sec
	4 Rotation axis	1500°/sec
Max operating area	1st axis	±130°
	2nd axis	±145°
	3 Elevating axis	200mm
	4 Rotation axis	±360°
Installation parameters	Floor mounted	
Robot weight	28Kg	
Power consumption	1.55kw	
Installation environment	Temperature	0~+45°C
	Humidity	20~80%R(No condensation)
	Vibration	4.9M/S² below