Collaborated robot

S cobot-i5

Refer carefully to this manual before operation.

Features

- Highly Safety

  The advance collision preventing detection function can stop the system when unexpected collision is happened; and setting the collision level based on the actual situation.

- Easily manipulating

  The user can edit the program by the dragging function which means you can directly dragging the moving path. The robot can record the path that user dragged and simplified the editing.

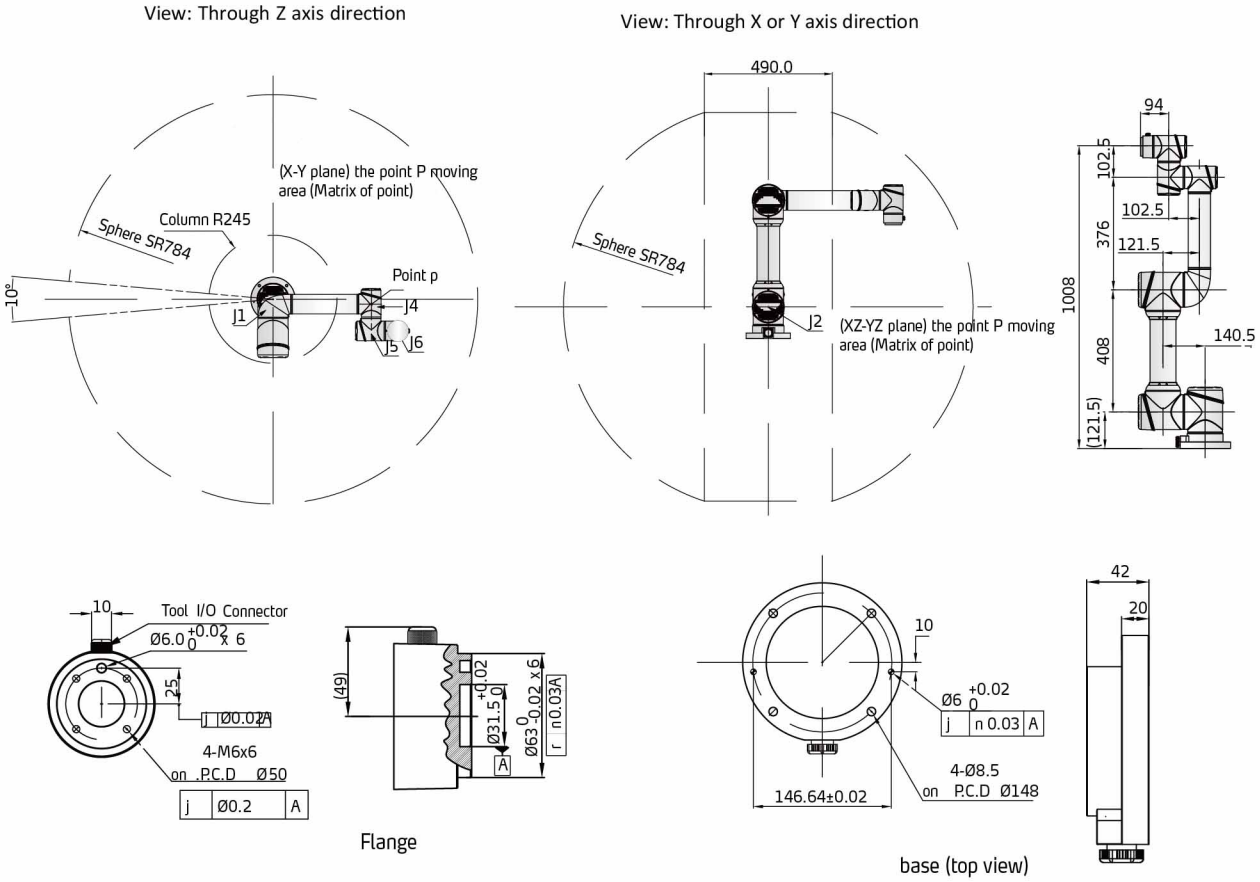
- Easily installing

  The robot is Light and flexible to achieve the installation like fixing on the base, hanging , and other particular method.

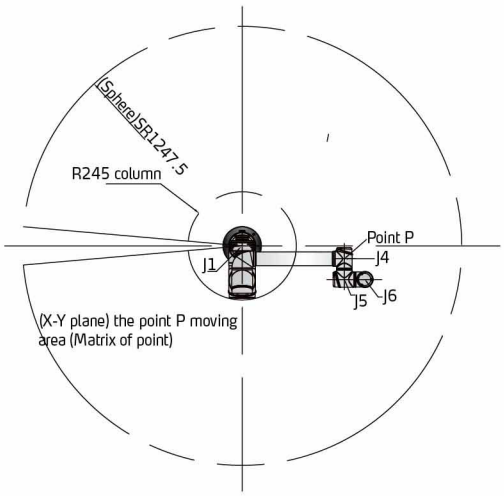
Application

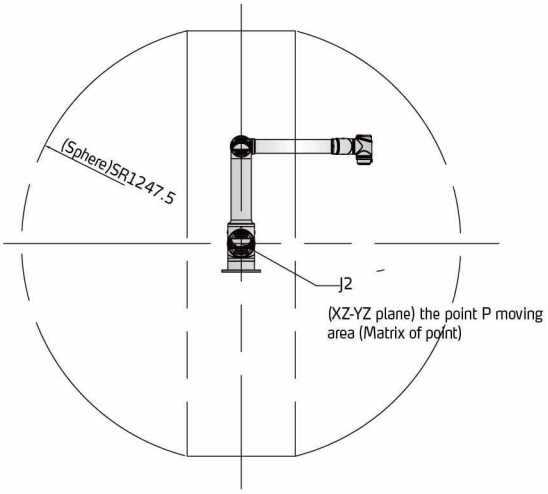
Widely used in combined with taking, painting, polishing, assembling, and vision system to achieve industry 4.0

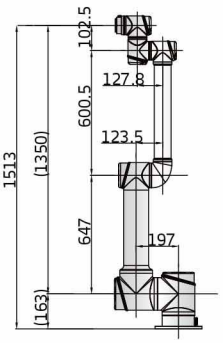
Outline Drawings

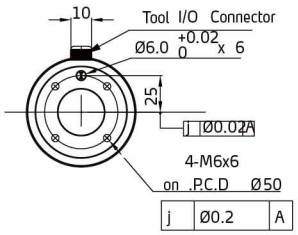


S Cobot i5

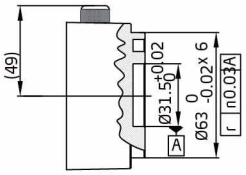


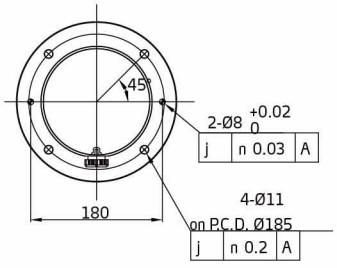


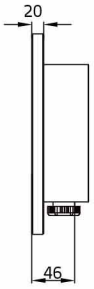




Flange







base (top view)

S Cobot-i10

Specifications

Model		S Cobot-i5	S Cobot-i10
Degreed		6	6
Max. workingarea		886.5mm	1350mm
Load		5KG	10KG
Weight		24KG	37KG
Life time		30000h	30000h
Accuracy		±0.02mm	±0.1mm
Speed of the end		≦2.8m/s	≦4.0m/s
energy consumption (under normal condition)		200W	500W
Material		Aluminum	
temperature		25-85%	
temperature		0℃-45℃	
Protecting level		IP54	
Programming		The progress is running on the 12.5 inch touching panel	
Communication		CAN bus	
Power supply		DC 48V	
installation		Fix on the ground, hanging, swing	
The Moving Area	J1 Base	±175°	±175°
	J2 Shoulder	±175°	±175°
	J3 Elbow	±175°	±175°
	J4 Wrist	±175°	±175°
	J5 Wrist	±175°	±175°
	J6 Wrist	±175°/360° (for selection)	±175°/360° (for selection)
Max. speed	J1 Base	150°/s	150°/s
	J2 Shoulder	150°/s	150°/s
	J3 Elbow	150°/s	180°/s
	J4 Wrist	180°/s	180°/s
	J5 Wrist	180°/s	180°/s
	J6 Wrist	180°/s	180°/s

We reserve the right to change specifications without prior notice.