

SCARA ROBOT



SYSTEM CONTROLS

Versatility is reality

SCARA robot line is the new standard in the product line for precision high-speed picking and tracking and easy integration into process lines and systems. The system is perfect for applications with 180 degree operation in one second with precise part handling.

The SCARA robot can be quickly integrated and redeployed with small footprints and with low power requirements. There is a flexibility achieved in the workspace, specifically when workflow and layout are critical. The SCARA robot can move in full z strokes, across a single plane or in a parallel plane motion, improving access and efficiency



Part No: SC-SYS-SR-A-00-000

APPLICATION AREAS

- ◇ PICK AND PLACE
- ◇ MATERIAL HANDLING
- ◇ LOADING AND UNLOADING
- ◇ STACKING

SERVICES

- ◆ Engineering Design & Development
- ◆ System Integration
- ◆ Electronic testing & Assembly
- ◆ CNC Machining & Manufacturing

Technical Specification

Degree of freedom	: 3
Payload	: 1 kg (Maximum)
Reach	: 480 mm
Joint Specifications	Working Range
Joint 1	: $\pm 150^\circ$
Joint 2	: $\pm 120^\circ$
Joint 3	: 100 mm
Joint Specifications	Speed
Joint 1	: $180^\circ / \text{sec}$
Joint 2	: $200^\circ / \text{sec}$
Joint 3	: 40 mm /sec
Protection	: IP - 54
Weight	: 25 kg
Mounting	: Floor
Operating Temperature	: 5°C to 45°C

SYSTEM CONTROLS TECHNOLOGY SOLUTIONS

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