3 AXIS CARTESIAN ROBOT ARM 80300

A 3 Axis Cartesian Robot Arm is a type of industrial robot designed to move in three linear directions: X, Y, and Z axes. It operates using a set of motors and linear actuators to achieve precise and repeatable movements in a Cartesian coordinate system. This type of robot is often used in applications requiring accurate positioning and handling, such as in pick-and-place tasks, assembly, and automated testing. Its straightforward design makes it ideal for tasks requiring linear motion and can be integrated into various manufacturing and laboratory environments.

Able to learn : -

- Function and characteristic of cartesian robot arm system
- Robot teaching technology
- Robot simulation software
- Robot interfacing with external device
- Creating PLC sequence diagram interface with robot
- Fault findings in robot arm electrical control system

Required Item : -

- Cartesian Robot Arm Module
- Robot training structure
- ASRS module
- PLC trainer kit

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Technical Specification : -

No	Component	Qty
1	X Axis Servo motor linear drive	1
2	Y Axis Servo motor linear drive	1
3	Z Axis Servo motor linear drive	1
4	Cartesian programmable controller	1
5	Status tower light	1
6	Operation panel (Start/Stop/Estop/Reset)	1
7	3 Axis robot workstation	1
8	ASRS structure module	1
9	Work piece	30
10	Proximity Sensor	30
11	Safety limit sensor	6
12	Limit sensor	6
13	Cable Chain	1

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