

6 AXIS ARTICULATED ROBOT ARM 80100

The 6 Axis Articulated Robot Arm is a versatile and advanced robotic system designed for a wide range of applications, from industrial automation to research and education. This robot arm features six degrees of freedom, which allows it to perform complex movements and reach multiple positions with precision. Its articulated design mimics the range of motion and flexibility of a human arm, enabling tasks such as welding, painting, assembly, and material handling.

Able to learn : -

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

Required Item : -

- 6 Axis Robot Arm Module
- Robot training structure
- Robot application module
- PLC trainer kit



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Technical Specification : -

No	Component	Qty	No	Component	Qty
1	2kg 6 Axis Articulated Robot Arm	1	12	Air Service Unit	1
2	Robot Controller	1	13	PLC Unit	1
3	Teach Pendant	1	14	DC Power Supply 5.1A	1
4	Input Output Interface	1	15	Light Source 100W	1
5	Robot I/O Simulator Box	1	16	Pneumatic Tube (1M)	20
6	Robot Simulation Software	1	17	Air Fittings	1
7	1000x800x1750 Robot Workstation	1	18	Pneumatic End Effector	1
8	Transparent Solar Cell	10	19	Solenoid Valve	1
9	Radiation Sensor	1	20	Computer Workstation	1
10	Input / Output Storage Tray	1	21	Low noise Air Compressor	1
11	Voltage Display unit	1	22	Status Tower Light	1