

6 AXIS ARTICULATED ROBOT ARM MODEL: FA-RA803

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



6 AXIS ARTICULATED ROBOT ARM 80100

Technical Specification :-

No	Component	Qty
1	2kg 6 Axis Articulated Robot Arm	1
2	Robot Controller	1
3	Teach Pendant	1
4	Input Output Interface	1
5	Robot I/O Simulator Box	1
6	Robot Simulation Software	1
7	1000x800x1750 Robot Workstation	1
8	Transparent Solar Cell	10
9	Radiation Sensor	1
10	Input / Output Storage Tray	1
11	Voltage Display unit	1

No	Component	Qty
12	Air Service Unit	1
13	PLC Unit	1
14	DC Power Supply 5.1A	1
15	Light Source 100W	1
16	Pneumatic Tube (1M)	20
17	Air Fittings	1
18	Pneumatic End Effector	1
19	Solenoid Valve	1
20	Computer Workstation	1
21	Low noise Air Compressor	1
22	Status Tower Light	1