

SCARA Robot Cobra 450 Training Kit

Precision Machining

The new Omron Robotic Automation support the precision machining with high-speed system that can support the industry.

Assembly Application

Omron SCARA Robot – Cobra type is design for the variant application especially for assembly application.

Material Handling

Not only assembly application, this SCARA robot also can be applied to material handling application that can support many industry for this application.



The needs for Pick & Place machines using robots and vision sensors are increasing. Our own Robotics and Vision technology provides the most seamless integration achieved into a single software environment. The machines can be analyzed in the virtual environment that allows studying the application in advance, without having the real machine.

- Ethernet capability to control the robot through the familiar programming language (IEC 61131-3) of Machine Automation Controller NJ/NX/NY Series
- High repeatability suitable for precision assembly
- High payload for screw-driving tools
- The separate amplifier with a built-in controller minimizes the robot footprint
- Reach 450 mm, Max Payload 5 kg, Weight 20 kg

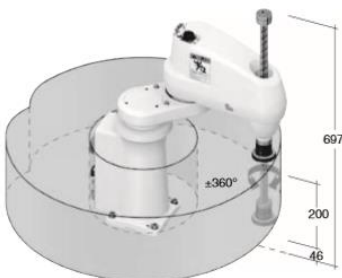
So, this training kit is supported by the real industrial equipment. The specification is listed below :

- Table Dimension 700x500x800 mm
- Omron Cobra 450 Robotic Set
- Air treatment unit
- Control Keypad
- Master PLC – NX102-9024 CPU Support for Industry 4.0 application
- Software for monitoring robot movement real-time
- Control I/O 32 points
- Robot Controller Unit
- Vision Tracking
- Conveyor Tracking
- 24VDC Power Supply System

Dimensions

(Unit: mm)

Cobra 350



eMotion Blox-40R



Front panel

