



Email : sales@laboratoryinstrumentindia.com

Product Name :
Electric Six Axis Manipulator

Product Code :
LBNY-0005-12600064



Description :

The trainer can be controlled by MCU and PLC. It integrates different technologies, such as belt drive transmission technology, stepper motor driving, position detection, PLC and microprocessor technology. Electric Six Axis Manipulator trainer simulates the operation of an industrial robot, such as: overall rotation, arm rotation, forearm rotation, wrist rotation, gripper rotation, gripper opening/ closing.

Technical Specification :

Technical Features:

1. PLC: 24 digital inputs, 16 transistor switching output
2. Angles/distance range:
Upper arm rotation angle: 100°
Manipulator rotation angle: 180°
Wrist rotation angle: 100°
Gripper rotation angle: 180°
Forearm rotation angle: 100°
Gripper opening and closing: 0-50 mm.
3. Power supply: $220V \pm 10\%$, 50Hz
4. Microprocessor control board with USB interface.
5. Panel with buttons and PLC interface.
6. Stepper motors and drivers.
7. PLC program and Microprocessor program.



Laboratory Instrument India