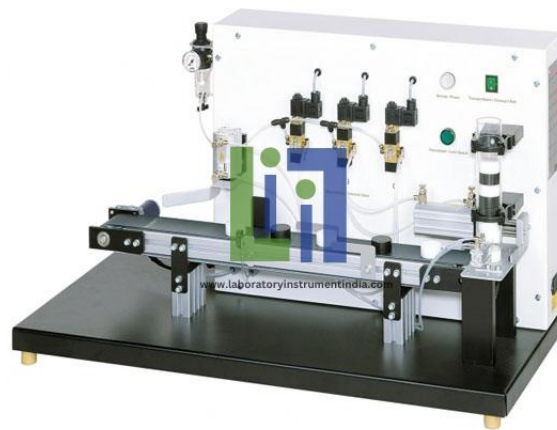




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Product Name :
PLC Application Materials Handling Process

Product Code :
LBNY-0005-10900012



Description :

PLC Application is a compact teaching and practice unit for the control of a materials handling process using a PLC. Two processes can be simulated: a punching process, or workpiece control in the form of a sort operation. The working cylinder can switch between sorting and punching modes by a simple sequence of actions. All components are in a clearly laid out design. Black and white cylindrical workpieces are fed from a container onto a conveyor belt. On the belt is a reflex photoelectric proximity switch which differentiates between light and dark and feeds the white items to the pre-selected process (punching or sorting). The unit is designed for operation in conjunction with a PLC module. Use of PLC module is recommended. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments.

Technical Specification :

Specification of PLC Application: Materials Handling Process
Compact unit for experiments in the field of automation
Conveyor belt with guide plates and DC motor
Cylindrical Plexiglas storage container holding 11 workpieces
Handling device with solenoid valves
Double-acting cylinder (40mm stroke): executes the process (sorting or punching)
Double-acting cylinder (80mm stroke): pushes workpiece onto conveyor belt
Double-acting cylinder (15mm stroke): fixing / discharge of workpieces to container.

Laboratory Instrument India

