

• Factory Automation

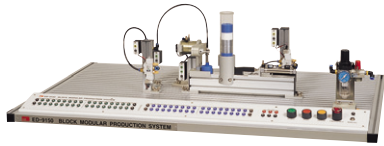
BLOCK MODULAR PRODUCTION SYSTEM

ED-9150

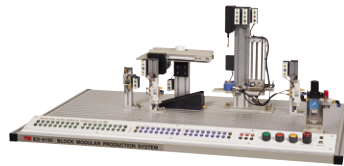
- Small size type suitable for training on automation system's installation and operation
- Mechanism and installation methods through assembly and disassembly per process
- Enhancement of application programming techniques through PLC control



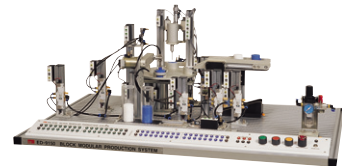
> EXPERIMENTS



- **Supply Process**
(Basic Course)
 - » Principles of materials supply using tube cylinder
 - » Transport to a next process after materials supply



- **Inspection & Logistics Process**
(Application Course)
 - » Utilization of various sensors
 - » Utilization of the measurement inspection device
 - » Utilization of the magnet
 - » Utilization of the logistics conveyor



- **Production & Storage Process**
(Application Course)
 - » Transport of indexing table
 - » Drill production system's mechanism
 - » Hole inspection of the product
 - » Storage-by-classification methods in relation to product's condition

> SPECIFICATIONS

- **Distribution Process**
 - » Raw Material type : $\phi 39$ Plastic(white), AL, per depth (total 6)
 - » Magazine : Raw material 8 loaded($\phi 40 \times 160$ mm)
 - » Distribution Type : Vacuum rotary cylinder type
- **Inspection Process**
 - » Inspection Function : Quality, Depth, and so on
 - » Using Sensor : Inductive sensor, analog sensor(Linearity $\pm 1\%$, 0.6W)
 - » Transfer Way : Load less cylinder($\phi 16 \times 200$ mm), Belt conveyor(45 mm \times 250 mm)
- **Production Process**
 - » Production Parts Transfer : Index table(divided by 4 as Geneva type)
 - » Producing Drill Machine : 5 available(DC24V 20W)
 - » Producing Inspection : $\phi 10 \times 30$ mm cylinder
- **Storage process**
 - » Storage Cell : Load available on quality
 - » Transfer Unit : Rotary cylinder
 - » Magazine Size : $\phi 40 \times 160$ mm(2set)
 - » Transfer Type : Slide cylinder
- **Control Panel**
 - » PLC I/O Point : 32-Input 32-Output
 - » A/D Converter Module
- **Dimension and Weight**
 - » Main System : 1160(W) \times 700(H) \times 720(D)mm
 - » Control Panel : 582(W) \times 1200(H) \times 250(D)mm(including Base Board)

ACCESSORIES

- AC Power Cord : 1ea
- Program CD : 1ea
- Piping Hose : 1set
- Patch Cord : 1ea
- Drill Blade : 1ea
- RS232C Cable : 1ea
- Training Materials : Nonmetal 6ea, Metal 6ea
- User's Manual : 1ea

OPTIONS

- Simulation Software Programmable Logic Controller (EDS-SimPL)