

CPE-AT3805

Conveyor Control Trainer



FEATURES

- Designed to practice automation processes such as supply, inspection and classification
- Two ways of operation: standalone manual operation or automatic operation through the PLC connection
- Various types of experiments by adding or relocating the sensors and cylinders

EXPERIMENTAL CONTENTS

- Principles of the conveyor control system
- Various types of sensor applications
- How to use the programmable logic controller for interlocking practices
- Installation practices by relocating or adding the sensors and cylinders
- Basic automation processes: supply, transport, inspection, transfer and classification
- Manual operation or automatic PLC operation
- PLC Programming

SPECIFICATIONS

Transport system	Belt type conveyor
Conveyor belt	150(W) × 1000(L) mm
Control mode	Manual (standalone) or Auto (PLC control)
Conveyor speed	Auto : 20 ~ 40mm/s (3-step speed control) Manual : 15 ~ 40mm/s (continuous)
Pneumatic cylinder	Number of cylinder : 4ea
Object detection	Photo sensor : 3ea Proximity sensor : 1ea Micro switch : 2ea
Object selection	Rejection, sorting, pause
Conveyor motor	18 RPM (in use of a deceleration gear) Input power : AC220V
Preset counter	0000 ~ 9999 (4 digits)
Preset timer	0.1 sec ~ 100 hours
DC output	DC 24V 2A
Input voltage	AC 220V 50/60Hz
Dimension	1200(W) × 285(D) × 23(H) mm

STANDARD ACCESSORIES

- Power cord : 1ea
- Connection cable : 1set
- Dummy work piece : 1set
- User's guide manual : 1ea