

CPE-RO8000

PTP Robot Trainer



FEATURES

- Two types of operation: Standalone operation or PLC linked operation
- Interlocking connectivity with a programmable logic controller (option)
- Hands-on practices on assembly and disassembly process, materials handling process and returning to the original position using the pneumatic actuator
- Supports complete system control by connecting to a conveyor and an automatic warehouse robot unit

EXPERIMENTAL CONTENTS

1. Basic principles of controlling the PTP Robot
2. Interlocking connectivity with a programmable logic controller
3. Operational control in horizon or vertical direction

SPECIFICATIONS

Rotation axis	Rotation angle : 180°
	Driving energy : 4.06kg/cm ²
	Reed switch : 2ea
	Structure: Oilless slide unit
Horizontal axis	Travel distance: 150mm
	Speed: 50 ~ 500mm/s (adjustable)
	Auto sensor: 2ea
	Shock absorber: 0.3 ~ 1.5kgf/cm ²
Vertical axis	Guide rod (ø10): 2ea
	Travel distance: 75mm
	Speed: 50~500mm/s (adjustable)
	Auto sensor: 2ea
Handling	Cylinder: One-way rod cylinder
	Stroke length: 6mm
	Pressure: 1.4 ~ 3.6kgf
Pneumatic valve	Jig attachment: ø19 jig for working materials
	5/2-way solenoid valve: 5ea
	5-line manifold block: 1ea
Control panel	25-pin I/O connector
	Main power switch: 1ea
	Selector switch (MANUAL / AUTO): 1ea
	Protection fuse
Input voltage	AC 220V

STANDARD ACCESSORIES

- Power cord
- Work piece (ø19) and bracket: 4 sets
- T-shaped connector: 1ea
- Air hose (ø6): 5 meter
- 25-pin connector: 1set
- User's guide manual: 1ea

OPTIONS

- Programmable Logic Controller Trainer