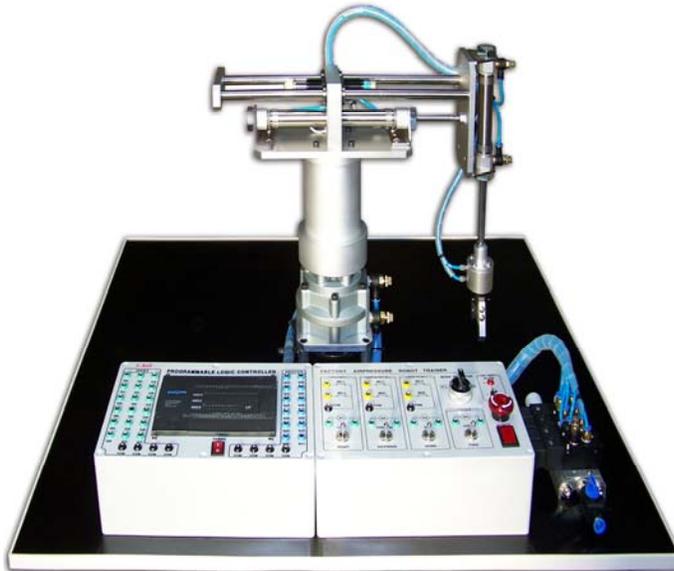


PTP ROBOT TRAINER

PTP-1820A



Features

- Designed to practice for rotating and horizontal moving and vertical moving by using pneumatic components.
- Interfacing with built-in PLC and various robot control experiment by PLC programming
- Practicing to transfer an object using robotic tweezer
- Strong and good design

Technical Specification

1. PTP robot training unit

Rotation axis	Rotation angle - 180° Operating energy - 4.06 kg/cm ² Automatic sensor - 2ea Speed control, oil less slide struc
Horizontal axis	Moving distance 150mm, Moving speed 50 ~500mm/s speed control Automatic sensor - 2ea, Position and gap control Impact suppression device 0.3~1.5kgf/cm ² ø10 guide bar - 2ea
Vertical axis	Moving distance 75mm, Moving speed 50 ~500mm/s speed control Automatic sensor - 2ea, Position and gap control Anti-rotation cylinder
Handling	Stroke 6mm, Pressure 1.4 ~ 3.6kgf ø19 Jig
Pneumatic valve	5/2 way solenoid V/V - 5ea Manifold block -1ea

2. PLC (LG GLOPA)

Feature	EEPROM, high speed processing(0.5 μ S/step), IEC61131-3 international standard language, Self-analysis, RS 232C communication
Program	Stored program control - IL(instruction list) - LD(ladder diagram) - SFC(sequential function chart)
Processing speed	0.5 μ S/step
Program memory	68kbyte
Input	18 points - Rated input power : DC 24V - Rated input current: 7 mA - Response time: On \rightarrow OFF 5 ms, OFF \rightarrow ON 5 ms
Output :	12 points - Rated load voltage : DC 24V/AC 220V - Rated input current : 2A/1 point, 5A/1Com - Response time: On \rightarrow OFF 12 ms, OFF \rightarrow ON 10 ms
PLC/PC connection cable	RS232C

3. CONTROL PANEL

Main power switch	1ea
Emergency switch	1ea
Manual/Auto select switch	1ea
Manual operation switch	4ea
Accessories	Connection cable : 1set Power cord: 1ea RS232C cable: 1ea User's manual: 1ea PLC manual: 1ea