Product name:	Product code:
PLC Controlled Electro Pneumatic Training Workstation	CMI-NP-0987



Description

A workstation combining a PLC, solenoid valves and pneumatic cylinders on a profile board, used to teach programmable control of pneumatic automation.

Technical specification

Operating pressure	up to 6 bar
Compressor	Silent 24 litre (optional)
Tubing	PU 6 mm
Experiments	Sequence, timing, counting
Power supply	230 V AC, 50 Hz

Students wire sensors and solenoids to a PLC and write ladder programs for sequence control of cylinders. It reflects typical industrial automation practice.

Features

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- PLC with digital I/O
- Double acting cylinders with magnetic sensors
- 5/2 and 5/3 solenoid valves
- Slotted aluminium profile board
- Quick connect fittings
- Experiment manual with programs

Technical Specifications

PLC	24 V DC, 16 inputs / 16 outputs
Cylinders	3 nos, 25 mm bore, 100 mm stroke
Valves	5/2 solenoid, 24 V DC
Sensors	Magnetic reed, 4 nos