NAUGRA®

Product name:	Product code:
Electro Hydraulic Proportional Control Trainer with PLC	CMI-NP-1983



Description

Complete electro hydraulic training station combining proportional valves, analogue PLC module and cylinders. Used for programming motion profiles and pressure sequences. Students write PLC programs with analogue outputs to drive proportional valves for smooth positioning and speed profiles.

Technical specification

Pump Pressure	0-70 bar
Motor	1.5 kW, 3 phase
HMI	4 inch colour screen
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Electro Hydraulic Proportional Control Trainer with PLC is designed for ITI, polytechnic and TVET laboratories. Students write PLC programs with analogue outputs to drive proportional valves for smooth positioning and speed profiles.

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Features

- Compact PLC with analogue I/O
- Proportional flow and pressure valves
- Linear transducer on cylinder
- Touch screen HMI for monitoring
- Safety guard and emergency stop

Technical Specifications

PLC	16 DI / 16 DO, 4 AI / 2 AO
Proportional Valve	4/3 way, 10 lpm
Position Sensor	250 mm linear potentiometer