NAUGRA®

Product name:	Product code:
Proportional Valve Hydraulic Training System	CMI-NP-1989



Description

Hydraulic trainer with proportional directional valve, amplifier card and cylinder for studying electro hydraulic control. Teaches proportional control of speed and position. Students adjust command signals and study flow control, ramp times and response of a proportional valve driven actuator.

Technical specification

Cylinder	32 mm bore, 200 mm stroke
Command Signal	0-10 V DC
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 Proportional Valve Hydraulic Training System is designed for ITI, polytechnic and TVET laboratories. Students adjust command signals and study flow control, ramp times and response of a proportional valve driven actuator.

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Features

- Proportional directional valve with amplifier
- Double acting cylinder with linear scale
- Pressure gauges and relief valve
- Function generator command input
- Mounted on aluminium profile plate

Technical Specifications

Valve Type	4/3 proportional, 6 lpm
System Pressure	0-60 bar adjustable
Pump Unit	1 HP motor, vane pump
Tank Capacity	25 litres