Product name:	Product code:
Servo Valve Hydraulic Position Control Trainer	CMI-NP-1992



Description

Trainer with servo valve, position transducer and PID controller for closed loop hydraulic cylinder positioning. Used to study stability, gain tuning and dynamic response. The unit gives hands-on practice in tuning a hydraulic servo loop and observing step response on a scope or software.

Technical specification

Cylinder	40 mm bore, 200 mm stroke
Power Pack	2 HP motor, 40 litre tank
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Servo Valve Hydraulic Position Control Trainer is designed for ITI, polytechnic and TVET laboratories. The unit gives hands-on practice in tuning a hydraulic servo loop and observing step response on a scope or software.

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Features

- Servo valve with torque motor
- LVDT position feedback
- Analogue PID controller card
- Step and ramp command generator
- Data acquisition output

Technical Specifications

Servo Valve	4-way, 5 lpm rated
Supply Pressure	70 bar
Feedback	LVDT, 200 mm range
Controller	P, PI, PID selectable