Product name:	Product code:
Hydraulic Servo Position Control Trainer	CMI-NP-1067



Description

A servo hydraulic trainer with servo valve, position sensor and controller for closed loop cylinder positioning and PID tuning.

Technical specification

Load	Spring set
Interface	USB
Experiments	Closed loop and PID tuning
Power supply	230 V AC, 50 Hz

Students tune a closed loop to hold the cylinder at a set position and observe response, overshoot and error.

Features

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- Servo or high response valve
- Position transducer
- PID controller
- Load spring module
- Data acquisition outputs
- Safety relief

Technical Specifications

Valve	Servo, 0 to 10 V
Cylinder	32 mm, 200 mm stroke
Sensor	LVDT or potentiometer
Controller	PID digital
Pressure	up to 60 bar