Product name:	Product code:
Hydraulic Servo Motor Drive Training Unit	CMI-NP-1987



Description

Trainer featuring a servo motor driven pump with variable speed pressure and flow control instead of valve throttling. Demonstrates energy saving servo hydraulic drive technology.

Technical specification

Energy Meter	kWh digital
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 Hydraulic Servo Motor Drive Training Unit is designed for ITI, polytechnic and TVET laboratories. Students compare energy consumption and response of servo pump systems against conventional constant speed pumps.

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Features

- Servo motor and fixed gear pump
- Servo drive with parameter keypad
- Pressure and flow control modes
- Energy meter for comparison
- Cylinder load stage

Technical Specifications

Servo Motor	1 kW, 3000 rpm
Pump	Internal gear, 8 cc per rev
Maximum Pressure	100 bar
Control Modes	Pressure, flow, position
Cylinder	40 mm bore, 250 mm stroke