NAUGRA®

Product name:	Product code:
Servo Hydraulic Material Testing Actuator Trainer	CMI-NP-1990



Description

Trainer with servo controlled hydraulic actuator and load cell to simulate force control in a tension and compression test. Teaches force and displacement control loops.

Technical specification

Interface	USB with logging software
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Servo Hydraulic Material Testing Actuator Trainer is designed for ITI, polytechnic and TVET laboratories. Students program force ramps and cyclic loading profiles and observe control accuracy on a computer interface.

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Features

- Servo hydraulic actuator with load cell
- Digital controller with PC software
- Force and displacement control modes
- Specimen grips with test samples
- Emergency stop and pressure safety

Technical Specifications

Actuator Capacity	10 kN
Stroke	100 mm
Load Cell	10 kN, 2 mV per V
Control Modes	Force, displacement
Power Pack	2.2 kW, 120 bar