**Product name:**
Hybrid Regenerative Braking System Training Platform

**Product code:**
CMI-NP-2094




## Description

Platform showing regenerative and friction braking blending using brake pedal, motor and hydraulic unit. Used to teach brake energy recovery. Learners see brake pedal input, regenerative torque and hydraulic brake pressure combine during stops.

## Technical specification

| | |
|---|---|
| Energy Display | kWh |
| Supply | 12 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 Hybrid Regenerative Braking System Training Platform is designed for ITI, polytechnic and TVET laboratories. Learners see brake pedal input, regenerative torque and hydraulic brake pressure combine during stops.

**Features**

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- Brake pedal stroke sensor
- Hydraulic brake actuator
- Motor generator with load
- Regeneration energy display
- Fault simulation switches

**Technical Specifications**

| | |
|---|---|
| Brake Actuator | Electro hydraulic |
| Motor | 3 kW permanent magnet |
| Pedal Sensor | Dual potentiometer |
| Pressure Gauge | 0-100 bar |