



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Electric Vehicle Braking Energy Recovery System Trainer

**Product Code :**  
LBNY-0005-12100081



#### **Description :**

The trainer can demonstrate the actual working condition of the electric vehicle vacuum booster braking system through the current test instrument, vacuum booster, brake, motor, brake energy recovery device

#### **Product Functions:**

Collect and analyze the recovery of braking energy when the braking condition is changed.  
Simulation of the braking principle and braking energy recovery of motor car at different speeds.

#### **Product structure and composition:**

Instrument, indicating the relationship between battery powers and braking energy recovery.  
Throttle mechanism, foot type regulation mechanism, adjust the speed of the electric drive change.  
Driving bridge assembly.  
Electric vehicle motor controller: Alpha motor controller for electric vehicle.  
Car seat: manual adjustment for the car seat.  
Vehicle hydraulic brake mechanism, with brake pedal, brake general pump, brake branch pump, parking brake mechanism, and brake sensor.  
Electric vehicle batteries: iron lithium ion battery set.

#### **Technical Specification :**

Power supply: DC 12V;  
Working temperature: -40 C ~ +50 c.  
External dimensions: 1800 x 1000 x 1500mm.



**Laboratory Instrument India**