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**Product Name :**  
Alternator Trainer With Internal Voltage Regulation

**Product Code :**  
LBNY-0005-121000253



#### **Description :**

The trainer contains an alternator, a driving motor with AC drive, a drive belt, a battery terminal block, an internal voltage regulator and the associated wiring. The Alternator Trainer With Internal Voltage Regulation is in fact a simulator that allows instructors to demonstrate the operation of automotive charging systems with an internal voltage regulator. The charging system is a circuit with the battery wired in parallel. After the engine is started and running, the alternator takes over as the source of power and the battery then becomes part of the load on the charging system. The synoptic diagram and the layout of all the control and instrumentation units provide clear and simple operation to the user. The trainers are very reliable and equipped with all safety equipment required for demonstration.

#### **Educational Advantages:**

Ideal for demonstrating internal voltage regulation  
Test points for diagnosis  
Optional built-in diagnostic fault box with 4 faults

#### **Main Features:**

Built-in voltmeter and ammeter  
Protective cover  
Driven by 120VAC electric motor.

#### **Technical Specification :**

Alternator Trainer With Internal Voltage Regulation



**Laboratory Instrument India**