



Email : sales@laboratoryinstrumentindia.com

Product Name :
Alternator Trainer PCM Controlled

Product Code :
LBNY-0005-121000244



Description :

The Alternator Trainer PCM Controlled alternator trainer with a PCM controlled voltage regulator contains a variable speed drive that modulates alternator input (engine speed) as in an actual vehicle. The alternator has been modified to accommodate a load current of 25A in order to demonstrate the full load charging characteristic and allow the regulator to run at 100% capacity. The Alternator Trainer PCM Controlled is a simulator that allows instructors to demonstrate the operation of automotive charging systems controlled by a PCM. The synoptic diagram and the layout of all the control and instrumentation units provide clear and simple operation to the user. The trainer is very reliable and equipped with all safety equipment required for demonstration. 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 student can see how the regulator controls the alternator output as the speed and load vary.

Educational Advantages:

- Drive belt enclosed in safety shield
- Test points for diagnosis
- Driven by 120VAC electric motor
- Built-in voltmeter and ammeter
- PCM-controlled regulation
- Optional built-in diagnostic fault box with 4 faults.

Technical Specification :

Alternator Trainer PCM Controlled



Laboratory Instrument India