



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Alternator Synchronous Motor Learning System

**Product Code :**  
LBNY-0005-10500027



#### **Description :**

The Alternator Synchronous Motor Learning System includes capacitive load, combination synchronous motor alternator, and synchronizing lights switch unit. The capacitive load unit combines with the Alternator Synchronous Motor Learning System to provide operation under various types of loads. Alternator Synchronous Motor Learning System adds to the Electric Machines Learning System to teach alternators and synchronous motors commonly found in industrial applications. Alternators provide a mobile source of AC electrical power while synchronous motors reduce power costs by correcting the overall power factor in a plant. The curriculum covers major topical areas such as alternator output voltage and frequency, three dark synchronization method, and reversing a synchronous motor. This system also offers curriculum in an optional, highly interactive multimedia format. Learners study industry-relevant skills including how to operate, install, and analyze the performance of alternators and synchronous motors. In addition to industrial components, includes in-depth curriculum, instructor guide, and student reference guide.

#### **Features:**

Capacitive load unit ranging from 1 micro-Farad to 20 micro-Farad  
Multimedia Curriculum Available Requirements  
Three phase power  
Basic Electrical Machines Learning System  
Synchronous 1/3 HP motor-alternator  
Synchronizing switch/lights combination unit  
Oscilloscope.

#### **Technical Specification :**



## Laboratory Instrument India