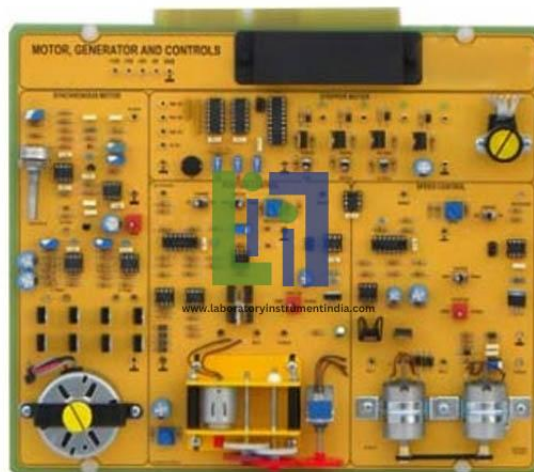




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Motors Generators And Controls

**Product Code :**  
LBNY-0005-12400054



#### **Description :**

##### **Theoretical topics:**

Familiarization with DC motor connection types  
Familiarization with stepper motor circuits  
Types of electric motors  
Position control with DC motor  
Bi directional H bridge DC motor control circuit  
Familiarization with unipolar/bipolar/bifilar/multi-phase stepper motors  
Familiarization with AC motor circuits  
Main characteristics of DC motor driving systems  
Advantages and disadvantages of synchronous motors  
Comparison between stepper motor and DC motor  
Speed variation in motor controls.  
Fault simulation

#### **Technical Specification :**

##### **Circuit blocks:**

Digital/Analog position control of a DC motor  
Digital/Analog speed control of a DC motor with Tachogenerator  
Open/Closed loop speed control of a DC motor with Tachogenerator  
Open/Closed loop position control of a DC motor  
Synchronous motor  
Stepper motor.



**Laboratory Instrument India**