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**Product Name :**  
AC Electronic Drives Learning System

**Product Code :**  
LBNY-0005-12400013



#### **Description :**

The AC Electronic Drives Learning System teaches learners how to troubleshoot electronic drive motor control circuits under realistic conditions with circuit faults that can be introduced throughout the system. AC Electronic Drives Learning System teaches industrial AC electronic motor drives that are used to provide accurate control of speed, position, and acceleration in applications such as CNC machine tools, conveyors, robots, mixers, and presses. Learners study industry-relevant skills including how to operate, install, tune, and troubleshoot three major types of AC systems: AC vector-type spindle drives, AC servo axis drives, and AC variable frequency drives. The AC Electronic Drives Learning System includes a manual fault insertion system, AC vector spindle drive panel, AC general purpose drive panel, AC servo axis drive panel, a .75 HP induction motor, and a 1 HP brushless servo motor. This factory automation training system uses industrial quality components to both standup to frequent use and to help learners become better prepared for what they will encounter on the job.

#### **Features:**

- Heavy Duty Welded Steel Workstation
- Industrial Standard Drives and Motors
- Fault Insertion
- Industrial Loads-inertial and friction
- Built-in Instrumentation
- Interchangeable Drive Panels
- Industrial Safety Devices
- Student reference guide
- Multimedia curriculum available.

#### **Technical Specification :**



## Laboratory Instrument India