Product Name :	**Product Code :**
Motion Control Learning System Single Axis	LBNY-0005-12400017

Description :

Motion Control Learning System Single Axis applies to a wide range of industries that need to meet market demands for greater system throughput and improved output quality and precision. Some of these industries include automotive, energy, medical, petroleum, printing, and packaging. Motion Control Learning System Single Axis is used where conventional motor control, using discrete inputs and outputs, cannot achieve the accuracy needed to produce a product. A motion controller sends acceleration and velocity commands to each motor to control its speed, torque, and rotor position. At the same time the motion controller monitors these parameters and adjusts the output as needed to create a legible color image on the page. A good example of motion control is an offset printing press that uses four motors to print four separate colors on a page and another motor to turn the feed roll. Motion Control Learning System Single Axis is self-contained and teaches students to control one axis. It allows students to learn industry-relevant skills including how to create, navigate, configure, operate, maintain, and apply motion control systems. Motion Control Learning System Single Axis teaches the skills required to understand and maintain the sophisticated applications so commonly found in modern industry. The motion control action may be as simple as opening and closing a valve or as complex as controlling multiple axes on a CNC machine. Motion Control Learning System Single Axis includes a tabletop workstation, motion controller with control programming software, tensioning kit, synchronization kit, registration kit, timing kit, communication cables, lockout/tagout kit, student curriculum, and instructors assessment guide. The Motion Control Learning System Single Axis system provides instruction in motion control for a single axis system, including set-up, operation, programming, and control.

Features:

Students Learn Skills In Motion Control Programming
Reliable, Industry Standard Components and Features
Teaches Applications of Motion Control In Industry

Optional Online eBooks.
Technical Specification :
Motion Control Learning System Single Axis

Laboratory Instrument India