



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Torque Assembly Station

**Product Code :**  
LBNY-0005-12600049



#### **Description :**

The Torque Assembly Station teaches interfacing, problem solving, programming, sequencing and operation for an automated Torque Assembly Station, electric traverse slide, DC motor torque, variable speed motors and clutches. This station assures that the assembly components are properly tightened in the process of assembling a working industrial directional control valve. Torque Assembly Station is mobile training station 6 of the Mechatronics Learning System. The Torque Assembly Station is a mobile workstation with slotted work surface that contains an operator station, screw torque module, part clamp module, electric traverse module, a pneumatic distribution module as well as an electrical distribution module, an electro-pneumatic valve manifold, and a digital I/O interface module. The Torque Assembly Station is a small mechatronics system in itself with multiple, integrated technologies that can be used stand-alone or in combination with other training work stations. Industrial safety and operation are emphasized on all mechatronic stations.

#### **Features:**

- Electric Traverse Slide
- Inductive Sensor
- Variable Speed Motors
- Pneumatic Gripper
- DC Motor Torque
- Clutches
- Magnetic Reed Switches
- Automated Torque System
- Variable Speed PWM (Pulse Width Modulator).

#### **Technical Specification :**

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Torque Assembly Station



**Laboratory Instrument India**