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**Product Name :**  
Two Stage Compressor Test Set

**Product Code :**  
LBNY-0005-1120009



#### **Description :**

Electronic drive units independently control both motors. Meters show motor electrical power consumption of each motor. A close-coupled load cell on each motor measures torque. Sensor on each motor measures speed, shown by a digital indicator. This test set has two independently-controlled, motor driven compressors, inter cooler and air receiver. It works as a single-stage, two-stage or two-stage compressor with inter cooler. The product of the torque and speed gives true shaft power. To allow students to study different types of air compressor systems, diverter valves allow air to move in different directions. All controls and instrumentation are on an easy-to-operate mimic panel. Electric motors and low-maintenance toothed belts drive two twin-cylinder, air-cooled reciprocating compressors. These include:

From the first stage to the receiver

To the second stage, by means of the integral water cooled inter cooler

Directly to the second stage

#### **Compressors:**

Twin cylinders

Maximum delivery pressure 10.3 bar

Speed range 200-1000 rev.min<sup>1</sup>

#### **Technical Specification :**

Packed Dimensions and Weight: 1380 mm x 810mm x 1910mm and 490 kg

Nett dimensions and weight:1200 mm x 660 mm x 1600 mm and 440 kg.



**Laboratory Instrument India**