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**Product Name :**  
Change Of State Of Gases

**Product Code :**  
LBNY-0005-103000254



#### **Description :**

Experimental investigation of gas laws  
Hydraulic oil filling for changing volume of test gas  
Built-in compressor generates necessary pressure differences to move the oil volume  
Transparent measuring tank 1 for investigation of isothermic change of state  
Transparent measuring tank 2 for investigation of isochoric change of state  
Electrical heater with temperature control in tank 2  
Sensors and digital displays for temperatures, pressures and volumes  
Compressor can also be used as vacuum pump  
5/2-way valve for switching between compression and expansion.

#### **Technical Specification :**

##### **Technical Data:**

Compressor / vacuum pump  
Pressure at inlet: 213mbar  
Pressure at outlet: 2bar  
Power output: 60W  
Temperature controller: PID, 300W, limited to 80C.

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# Laboratory Instrument India

