

Product Name :
Change of State of Gases Apparatus

Product Code :
NLAB-ENGINEERINGLB56005



Description :

Change of State of Gases Apparatus

Technical Specification :

Experimental investigation of gas laws

Transparent measuring vessel 1 for investigation of isothermic change of state

Hydraulic oil filling for changing volume of test gas

Built-in compressor ensures necessary pressure differences to move the oil volume

Compressor can also be used as vacuum pump

5/2-way valve for switching between compression and expansion

Transparent measuring vessel 2 for investigation of isochoric change of state

Electrical heater with temperature control in vessel 2

Sensors for temperatures, pressures and volumes

Digital displays for temperatures, pressures and volumes

Technical Data

Compressor / vacuum pump

power output: 60W

delivery side: 2bar

intake side: 213mbar

Temperature controller: PID, 300W, limited to 80°C

Temperature Measuring Range

vessel 1: 0...80°C

vessel 2: 0...80°C

Pressure Measuring Range

vessel 1: 0...4bar absolute

vessel 2: 0...2bar absolute

Volume Measuring Range

vessel 1: 0...3L

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003