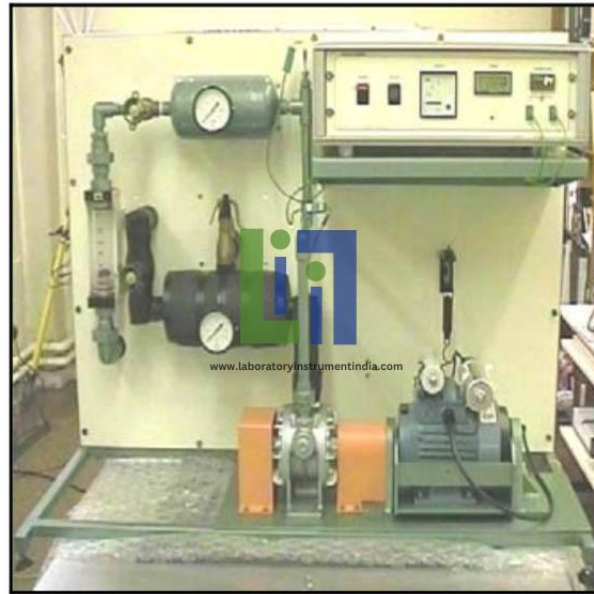




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Energy Balance Apparatus

**Product Code :**  
LBNY-0005-1650002



**Description :**

**Features:**

Compressor driven by an electric motor  
Air pressure out of compressor  
Single Stage Compressor  
Adjustment of air pressures via valves  
Airflow rate read by airflow flowmeter.  
Motor spring balance  
Wattmeter on the front panel for power measurement.

**Technical Specification :**

**Experimental Capability:**

Energy balance and the first law of thermodynamics  
Measurement and quantification of energy flow around a compressor.  
Pressure ratio  
Specific volume through flowmeter  
Entropy and the second law of thermodynamics  
Compressed volumetric efficiency  
Mass flow rate  
Isentropic efficiency of the compressor.  
Specific volume into compressor  
Volumetric flow rate  
Energy Analysis of motor

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Volumetric efficiency of compressor.  
Energy analysis of compressor  
Energy analysis of system.



**Laboratory Instrument India**