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**Product Name :**  
Steam Power Plant 1,5kW with Process Control System

**Product Code :**  
LBNY-0005-1630003



#### **Description :**

The Steam Power Plant is specifically designed for training purposes in the field of power plant engineering with process control systems. The system operates very similarly to real large-scale plants due to the high degree of complexity.

The entire system is monitored, actuators regulated and controlled, measurements recorded and displayed via the process control system. Large process engineering systems, such as steam power plants, are managed with process control systems (PCS).

#### **Features:**

- Plant monitored and controlled via touch screen control station
- Complete laboratory-sized steam power plant
- Process control system based on Ethernet and PLC.

#### **Technical Specification :**

#### **Learning Objectives And Experiments:**

- Determining: input and output power, component and system efficiency, specific fuel consumption of the system
- Steam power plant and its components with control and regulation system
- Familiarisation with system control and monitoring via a process control system
- Monitoring, servicing and maintenance tasks
- Start-up, operation and shut down of a steam power plant



**Laboratory Instrument India**