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Product Name :
Steam Power Plant 1,5Kw

Product Code :
LBNY-0005-1630005



Description :

A steam power plant essentially consists of a heat source for generating steam, a turbine with load, and a cooling mechanism for condensing the steam. In steam power plants, thermal energy is first converted into mechanical energy and then into electrical energy.

Features:

Closed steam-water circuit
Complete laboratory-sized steam power plant.

Technical Specification :

Learning Objectives And Experiments:

Start-up, operation and shut down of a steam power plant
Steam power plant and its components
Closed steam-water circuit with feed water treatment.
Among others, determining:
Specific fuel consumption of the plant
Mechanical/thermal efficiency of the turbine
Boiler efficiency
Condenser efficiency

Laboratory Instrument India

