



Email : sales@laboratoryinstrumentindia.com

Product Name :
Wind Energy Modular Trainer With Connection To Mains

Product Code :
LBNY-0005-18400032



Description :

Training Objectives:

Interpretation of diagrams and association with their objective
Measurement of wind speed
Identification of the components and association with their function
Analysis of the operation of the installations once assembled
Assembly of the proposed installations
Analysis of the behavior of the wind turbine.

Technical Specification :

A wind turbine, 400W, 12Vac.
A load module. It includes two mains voltage lamps, dichroic 35W and LED 3W, with independent switches.
A module for the measurement of: wind speed (m/s), wind direction (degrees), current up to 30V, $\pm 15A$ (two dc ammeters), voltage up to 30V and power up to 1000W.
Anemometer and wind direction sensor mounted on a stand.
A supporting frame for the modules.
A braking resistance, 250 W, 3 Ohm.
A differential magneto thermal switch.
A network distributor.
A dc to ac converter module.
An energy measurement module.
A motor kit for driving the wind turbine, composed of a stepper motor and a 300 W power supply.



Laboratory Instrument India