

Product Name :
Wind Energy Modular Trainer With Connection To Mains

Product Code :
NLAB-ENGINEERINGLB29003



Description :

Wind Energy Modular Trainer With Connection To Mains

Technical Specification :

Wind Energy Modular Trainer With Connection To Mains Lab Equipments Manufacturer, Suppliers & Exporters
Training Objectives of Wind Energy Modular Trainer With Connection To Mains

Identification of the components and association with their function

Interpretation of diagrams and association with their objective

Measurement of wind speed

Analysis of the behavior of the wind turbine

Assembly of the proposed installations

Analysis of the operation of the installations once assembled

Technical Specifications of Wind Energy Modular Trainer With Connection To Mains

A wind turbine, 400W, 12Vac.

Anemometer and wind direction sensor mounted on a stand.

A supporting frame for the modules.

A braking resistance, 250 W, 3 Ohm.

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.

A dc to ac converter module.

An energy measurement module.

A differential magneto-thermal switch.

A network distributor.

A motor kit for driving the wind turbine, composed of a stepper motor and a 300 W power supply

Naugralabequipments

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

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