



WIND POWER TRAINER WITH WIND TUNNEL



DL WIND-B

Trainer for the theoretical and practical study of the generation of electricity by means of wind power. With this trainer it is possible to change the flow of the air that reaches the wind turbine and to experiment its operation at no load and load conditions.

It is composed of:

- A wind tunnel in which the following components are installed:
 - A single-phase industrial fan with electronic speed regulator.
 - A 12 V, 40 W wind turbine, with a mechanism for changing its orientation with respect to the source of the wind.
- An anemometer;
- A voltmeter;
- An ammeter;
- A power supply, 0÷230 V, 4 A, with instruments for reading wind speed, voltage and current, a potentiometer for controlling the fan simulating the wind and a lamp representing a resistive load. Analogue output from each instrument: 0-10 V.
- A variable resistive load.

Dimensions: 1780 x 610 x 1360 mm.

Complete with operation/experiment manual.

Options:

- **DL DAQ-RE:** interface to PC and software for automatic data acquisition.