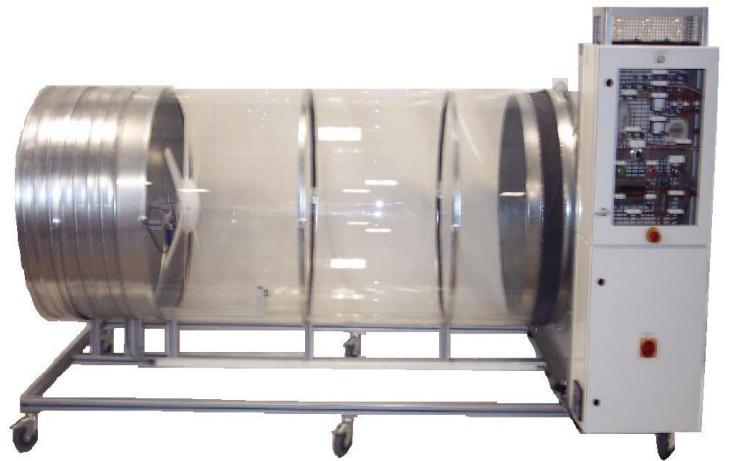


Wind turbine study frame

DESCRIPTION

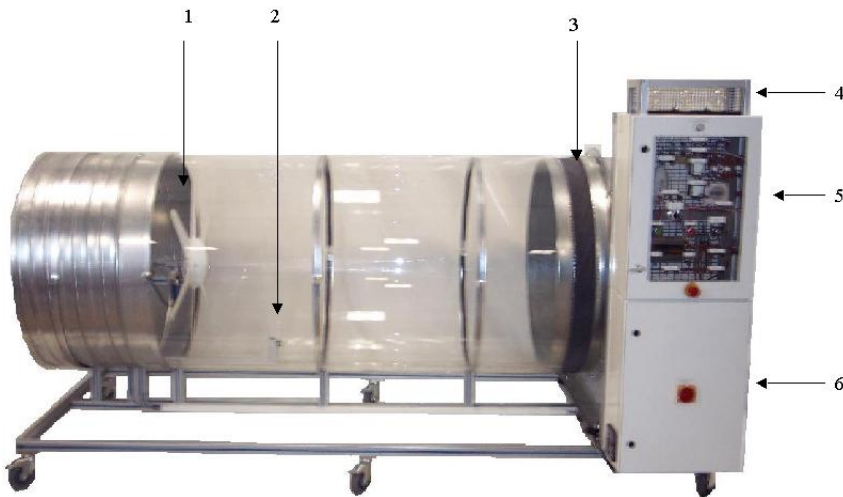
- The wind turbine frame comes complete and fully equipped with a technical and practical work manual
- It is composed of: a wind turbine, an AXALU ventilator, two electric switch boxes, one to receive wires and another for speed variation and security.
- Two “shafts” to decrease turbulence in the workshop.
- Instrumentation to view air speed and electrical current exiting the inverter.



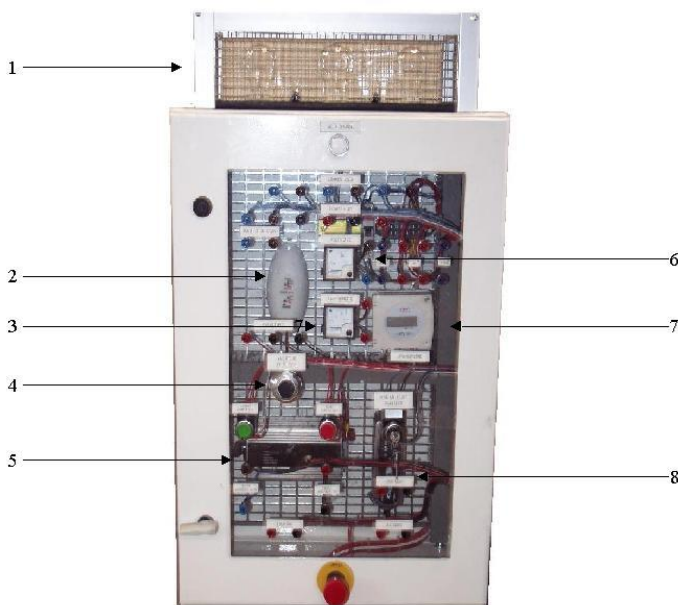
TEACHING APPLICATIONS

- Allows the user to study a wind turbine in action and its different components
- Electricity production unit wiring.
- Measures the ratio between wind speed and energy production.
- Studies the role of different elements within the set up.
- Implementation of security measures.
- Speed variation.
- Frequency variator programming.

ERL 200



1. RUTLAND 930 wind turbine
2. Thermo-anemometer
3. AXALU 3.5 kW ventilator
4. 12V y 230 V dissipator.
5. .Switch box for two pin wiring
6. . Security and frequency variation electric cabinet



1. 12V y 230 V transmitters.
2. Load miser
3. 230V voltmeter.
4. Ventilator's potentiometer.
5. Inverter.
6. 230 V ammeter.
7. Thermo anemometer.
8. Battery charger.

Options :

Suction and back draft shafts



UTILITIES

Electricity : 380 V Tri - 50 Hz - 10 A

DIMENSIONS

Length : 3000 mm
Width : 1200 mm
Height : 1800 mm
Weight : 200 kg