Product name:
Off-Grid Wind Turbine Pitch and Yaw Control Training Unit

Product code:
CMI-NP-2191



Description

Unit demonstrating pitch and yaw control to regulate power and track wind direction. Teaches turbine control methods. Students change wind angle and speed and watch pitch and yaw response.

Technical specification

Fan	0-10 m/s
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Off-Grid Wind Turbine Pitch and Yaw Control Training Unit is designed for ITI, polytechnic and TVET laboratories. Students change wind angle and speed and watch pitch and yaw response.

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Features

- Pitch servo
- Yaw motor
- Wind vane
- Controller
- Wind source

Technical Specifications

Pitch Range	0-90 degree
Yaw	360 degree
Servo	12 V
Vane	Potentiometer
Controller	Microcontroller