

Sky-Z Limitless Wind Pitch & Electricity Labs (PWH5)

General Description

The most complete Educational Wind Turbine on the Market. Three different size blades, pitch built into the Hub, completely hands on, the ability to customize your do-it-yourself generator using pre-wound coils & rare earth magnets, convert AC to DC power with the DIY rectification system. Make your own blades and test them out. It is great for Physics, Environmental Science, and Renewable Energies classes as a hands-on lab.

Test up to 6 blades at once with built in pitch angles. Each size blade comes with 6 blades. (6", 8", and 10" blades included). It also includes a manual for building your wind turbine, intro curriculum, and a complete ability to customize.

The unit includes also module PC101, 8 DC Circuits 101 hands on Labs. It is a series of introductory lessons in circuit construction and understanding for ages 12 and above through college. PC101 includes 8 comprehensive lessons in circuitry building and understanding. This hands-on kit will bring hours of learning while students calculate, build, and test what they learn.

Technical specifications:

- 4 Coils
- 4 Magnets
- Complete Rectification experimental kit with diodes, capacitors, pre-cut wires, solders breadboard, led, and piezo buzzer. Manual included
- 18 Blades (3 different sets of 6 blades)
- 6 Blade Hub with Pitch angle marks built in
- Completely hands on building of the Turbine with the ability to customize
- PC101 module included
- Height: 66cm
- Weight: 3kg



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