

Vertical Wind & Electricity Labs (PWV5)

General Description

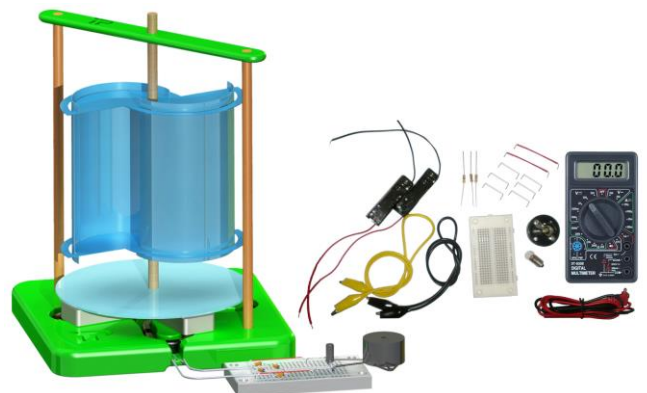
Using PWV5 you can explore wind energy in this inventive vertical turbine design. Its simple format allows you to create free, renewable energy with a spin or by holding it to the wind. Its incorporation of technology allows for limitless customization and green energy research. It runs off just by using a fan or even a simple hair dryer.

Either with its current features or with its available upgrades it can be used for teaching and demonstrating in classrooms for students from 12 years old until college.

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:

- strong-yet-lightweight injection molded base and frame
- plastic s-foil wind blades which capture wind from all direction
- build-it-yourself alternator to product electrical current
- option to customize with additional coils and magnets
- built-in LED light helps to indicate the generated power
- This kit gives you the ability to rectify your power from AC to DC.
- Coils are pre-wound (200 turns) and can be ordered in any amount (4 included)
- Magnets are rare earth and you are free to use any kind you want to change the output of the generator. (4 included)
- Dimensions: 204mm x 145mm x 145mm
- Rectifier kit dimensions: 125mm x 50mm x 15mm
- PC101 module included
- Weight: 700gr



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