Vortex Pro-1200 Hand-Held

Stop guessing at the wind speed and risking a poor setup. Measuring the wind speed is not only useful - it's informative, it's key, it's accurate, and it's fun. Plus - the large rotor on this hand held anemometer means that you get accurate readings without pointing it into the wind, unlike pocket impeller-type devices.

It's Rugged

There is nothing fragile about the Vortex Hand Held Wind Meter. Featured during CNN live Florida hurricane coverage in 2004 (see photo) and 2005!

It's Versatile

Use the anemometer for storm chasing, kitesurfing, windsurfing, target shooting, model aviation, weather monitoring, and all kinds of wind-related activites!

Best of all, it's affordable!

Selected Features:

- Unique head tilts flat for storage
- Water-resistant display can be used in heavy rain
- Multi-function display, in mph or km/h (The display is a bicycle speedometer!)
- Displays Current Speed plus Average or Max speed at the same time.
- Comfortable Vinyl handle
- 3-cup rotor does not care which way the unit is pointed (unlike those little ones that must be pointed into the wind!)
- 4% accuracy from 10 to over 50 mph, good to 125 mph (higher speed models available on request).
- Low mass rotor is responsive to gusts

Specification

SENSOR TYPE	3-Cup rotor. Tilts flat for storage. Does not care where unit is pointed. Reed switch/magnet provide 1 pulse per rotation.
SPEED RANGE	approx. 3 mph to 125 mph (~5 kph to 200 kph) NOTE: this is due to the max speed of the Cateye Velo9. Higher speed models are available upon request.
DISPLAY	Removable LCD Digital Display is a Cateye Velo9 bicycle computer. **Dual Display** simutaneously shows CURRENT SPEED (top display)plus: MAX, AVERAGE, KM/MILES, or several other (bicycle-related) functions. Select **mph** or **km/h** (**knots** too if you wish - see Owners Instructions for details) Water-resistant (not waterproof). **IMPORTANT NOTE ABOUT AVERAGE WIND SPEED:** Since bicyclists do not want their average speed to be diminished when they come to a stop, **the computer will only record and average when the wind is blowing. It stops recording below approximately 1 mph**. That means that if the wind blows for 2 hours at 20 mph and 2 hours at zero, the average shown will be **20**, not **10**! Please keep this in mind for your desired use of the Vortex. **WORKAROUND** : if you want to know the real average wind speed - even with spells near zero, do the following: reset the computer, note the time. When desired, simply divide the total number of wind "miles" on the display by the number of hours since reset.
DIGIT HEIGHT	Top Display (Current Speed): 10mm (approx. 1/2") Bottom Display (Max, Average, etc.): 5mm (approx. 1/4")
SPEED RESOLUTION	Top Display (Current Speed): 0.5 mph Bottom Display (Max, Average, etc.): 0.01 mph
UPDATE RATE	Approximately 1Hz (1 second)
POWER	CR2032 Coin Battery. Battery life 1 to 3 years of intermittent, occasional use. Several months of continuous use.
ACCURACY	+/- 1 mph or 4% of reading, whichever is greater, from 10 to 50 mph estimated within 4% of reading above 50 mph
ROTOR DIAMETER	approx. 6 in (152 mm)
LENGTH	approx. 11 in (280 mm) overall, with the head tilted flat
WIDTH	approx. 6 in (152 mm)
THICKNESS	approx. 3 in (76mm), with the head tilted flat