



Product presentation

The Vaavud Wind Meter - Overview



- Vaavud is the word for wind, in the language of the Norse gods, according to Norse mythology
- The Vaavud wind meter comes with a free app for iPhone and Android, and in addition it will be possible for third party apps to integrate the Vaavud functionality into their user interface
- The Vaavud app uses the magnetic field sensor that is built into all modern smartphones. The wind meter itself contains no electronics – just a couple of small magnets. The rotations are then measured with the magnetic field sensor and converted to wind speed
- The technology behind Vaavud is patent pending
- The design is very durable, and in the unlikely event that dirt, sand etc. should get into the moving parts the snap-fit design, allows it to be easily be disassembled by the user, and cleaned out with water
- The electronic-less design also means fewer components that can fail and thus fewer potential returns/claims to the retailer
- Because Vaavud is a so called cup-anemometer, a correct measurement can be obtained, no matter which direction the wind comes from. And the sensors in the phone are used to detect how the user holds the device, so false readings are automatically eliminated. Propeller-anemometers on the other hand must point directly towards the wind to get a precise reading
- For further info see vaavud.com and watch our presentation video on [YouTube](https://www.youtube.com/watch?v=...)

The Vaavud wind meter is a high-quality product, with an exclusive look and feel, in spite of the very competitive price



A 2mm neoprene bag is included. It can hold both the device and a smartphone (up to Galaxy S3/S4 size)



THE PACKAGING IS AN EXCLUSIVE LOOKING, SEMI-TRANSPARENT POLYPROPYLENE BOX WITH INTEGRATED HANG-TAG



- Packaging dimensions: 157 x 107 x 37 mm (6 x 4 x 1 inches)
- Weight: 0,1 kg
- EAN (bottom of pack): 5712084110012

The vaavud wind meter – Detailed specifications



- Wind range: 2-25 m/s*
- Resolution: 0,1 m/s
- Precision: +/- 4 % / 0,25 m/s
- Material: PC/ABS (rotor), POM with teflon (Axel + innner part), Neodymium alloy with epoxy coating (mangets)
- Weight: 16 grams



- 2 mm neoprene
- Aluminum carabineer
- Drawstring with plastic lock
- Weight: 23 grams

* Depending on phone model the maximum range can be higher. For Samsung Galaxy S4 it is 49 m/s, for iPhones (all models) it is 28 m/s

The Vaavud app – Features

Features in the launch (beta) version of the app

- The app will display current, average and maximum wind speed
- Unit of measure can be chosen (m/s, km/h, knots, mph)
- A graph will continuously show current wind speed and avg.
- A progress indicator will guide the user, to indicate when a measurement is fully valid
- The other sensors in the phone (gyroscope, accelerometer) are used to ensure the phone is held properly

Features that will be added in updates shortly after launch

- History tab, showing measurement history, and a summary of each measurement
- Map, showing measurements from others users

Supported devices:

- iPhone 4, 4S, 5; iPad 2, 3. gen, 4. gen, mini
- Samsung Galaxy S2, S3, S4
- Additional Android devices will be added on an ongoing basis. An updated list can be found on vaavud.com/support

