

Vaavud™ Wind Meter

Vaavud™ Wind Meter for Smartphones

The rugged and electronic-free Vaavud™ wind meter turns your compatible smartphone into a high-tech meteorological tool, measuring wind speeds up to 48 knots with near-professional precision.

Its unique design and electronic-free technology provide durability and reliability to meet the demands of an active life and the powerful Vaavud™ App provides an extremely easy to read and user-friendly interface, with the potential for expanded functionality and interaction.

Design

With its compact two cup design, inspired by professional anemometers, the Vaavud™ wind meter is accurate, practical and truly pocket friendly. It has a one piece durable plastic rotor and low friction PTFE bearing. Reliability and long service life are assured through the use of revolutionary electronic-free technology, communicating directly with the magnetic field sensor in your smartphone.

Vaavud App

The Vaavud™ App measures and displays wind speed in commonly used units of measurement. It has a neat and clean interface that shows the most important wind characteristics: actual, mean and max wind speeds. The smoothed graph provides additional data on variations in strength as well as a quick overview. The graph supports both drag and pinch to zoom so data can be viewed in fine detail.

The Vaavud™ App is available free from the Apple App Store, Android Market and web sites.

The Vaavud™ development team is working on adding History and Map features to the App, which will allow users to easily share wind information and help each other find the perfect location for every activity.

Precise

The Vaavud™ wind meter has a wind range from 4 knots up to 48 knots (2 m/s up to 25 m/s). Accuracy is the lower of $\pm 4\%$ and 0.4 knots (0.2 m/s), with testing and calibration confirmed in the professional wind tunnel at the Technical University of Denmark. The cup anemometer design makes the Vaavud™ less sensitive to the way it is pointed; a weakness in impeller type wind meters.

Compatible with Smartphones and Tablets

The Vaavud™ wind meter application works on iOS or Android smartphones. The electronic-free signal transfer utilises the magnetic field sensor, often called a digital compass, in your phone or tablet. To be able to detect high wind speed this sensor requires a high update/refresh frequency. The following devices have been confirmed as capable with the Vaavud™ wind meter and App, and will function across the full working wind range.

COMPATIBLE WITH:	Apple iPhone 4 / 4s / 5	Apple iPad 2, 3 & 4 generation / mini	Samsung Galaxy S2* / S3 / S4

The Vaavud™ development team is constantly adding to the list of compatible Android devices. See the Vaavud™ Knowledge Database under the SUPPORT tab on the Ronstan web site www.ronstan.com for the most up to date list and other useful information.

***Samsung Galaxy S2 Magnet Insert Replacement:** When used with a Galaxy S2 phone, the standard four magnet insert in the Vaavud™ wind meter must be replaced with the two magnet insert included in the box. A video showing how this is done can be found under the SUPPORT tab on the Ronstan web site www.ronstan.com. Note, this may also apply to certain other phones as well. For an updated list see www.ronstan.com

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Vaavud™ Wind Meter

Vaavud Wind Meter™

Product No. VAV-1R

Vaavud™ Wind Meter for Smartphones, red (includes neoprene pouch).

- ✓ Weighs only 16g (0.6oz)
- ✓ Measures wind speed from 4 to 48 knots (2-25 m/s)
- ✓ Reliable electronic-free technology
- ✓ Durable construction
- ✓ Highly accurate: +/- 4% or 0.4 knots (0.2 m/s)
- ✓ Clear, neat App interface
- ✓ Free Vaavud™ App
- ✓ Neoprene storage pouch included



VAV-1R



Vaavud™ Wind Meter, revolutionary electronic-free technology, communicating directly with the magnetic field sensor in your smartphone



Vaavud™ Wind Meter, with Samsung Galaxy S3 (not included)

What users and the media are saying...

Sailing Anarchy

"Easy connection, low price, no electronics? Sign us up."

TechCrunch

"...it's smartly executed, well-built and elegantly designed... If you think you need a Vaavud™, don't hesitate to go ahead and get one"

Wisconsin Storm Chasers

"We at Wisconsin Storm Chasers have one, and we love it"

Gizmodo

"...what makes Vaavud™ smart is its durability. People who need a meter regularly - from surfers to scientists to sailors - are usually using it in extreme conditions. It's a brilliantly simple way to use the smartphone's on board sensors."



VAAVUD
smartPHONE WIND METERS