

AeroPod

Power measurement helps you ride faster, train better, and race smarter. With new, next-generation sensors and metrics, **AeroPod is the most advanced power meter on the market.** *But power doesn't tell you everything.* Another metric, aerodynamic "CdA" (coefficient of drag times frontal surface area), is the key to riding faster in the wind, without pedalling harder. Simply put, the lower your CdA, the more aero you are. And watt-for-watt, **the more aero you are, the faster you go.**

Elite cyclists improve CdA through expensive and time-consuming wind tunnel and velodrome testing.

Velocomp's new AeroPod lets you measure and improve your ride position, equipment, clothing, and pacing, **through real time CdA measurements, on your normal bike routes.** AeroPod is like having a wind tunnel on your handlebars!

How CdA affects cyclist riding performance

The higher your CdA, the less aerodynamic you are, the more effort it takes to fight the wind, and the slower you will ride.

Let's suppose your normal ride position is on the hoods. You and your bike will have a certain value of CdA-think of this as your "normal" CdA number.

If you stand up, your body will catch more of the wind, requiring you to fight more against the wind. Your CdA goes up; you are less aerodynamic, and you will slow down.

Conversely, if you drop from the hoods into a time trial position, you'll catch much less wind. Your CdA goes down, it is easier to ride against the wind, and you'll go faster without pedalling harder. That's FREE SPEED!

There are lots of other things that affect CdA: wheels, bike helmet, arm position, and seat height are just a few. But here's the thing: for a given level of power, whatever you do to reduce your CdA makes it easier to ride against the wind. You will go faster-that's why you want to know, and improve, your CdA!

Elite triathlete Steve Jackson, winner of Ironman Florida, shows you how he sets up and uses AeroPod to go faster.

<https://youtu.be/fEZVvprJ1hE>

AeroPod is a sophisticated Aerodynamic CdA sensor:

- Works with ANT+ direct force power meters (DFPM)
- On-the-road, live measurement of aerodynamic drag (CdA)
- Three-digit display of CdA
- On-the-road, live measurement of time gained/lost due to CdA changes (Time Advantage)
- Measure/compare the aerodynamics of your bike equipment, accessories, clothing
- Ride memory stores raw sensor data for after-the-ride analysis
- Isaac software included for after-the-ride CdA analysis

AeroPod is a sophisticated Power Meter:

- Both-leg measurement with precision comparable to “gold-standard” power meters
- Portable: moves easily from bike to bike
- Simple to use: attach to handlebars, pair, ride
- Includes PowerStroke left/right, front/back, side-to-side measurements for improved pedalling efficiency and economy
- Transmits ANT power/slope/wind speed/CdA/Time Advantage measurements
- Transmits BLE power data to Velocomp’s PowerHouse Bike app

Congratulations AeroPod®

2018 Eurobike Award Winner – Bike Components

Outstanding in the following evaluation criteria:

- Degree of innovation
- Design
- Weight / pack size

Jury Statement: The AeroPod is a useful addition to a power measuring device. It measures air resistance and helps the cyclist to adopt a better and more aerodynamic position on the bike.

