



- Extensively used and validated by elite Australian rowing programs for more than 4 years.
- Unique Patented technology
- Scalable from school programs to national/elite teams

Race analysis

- Analyse split times, stroke rate, %prognostic and velocity - post race or in real time using the minimaxX wireless link.
- No need for marked courses to accurately measure distances for drills and race simulation.
- One simple device which attaches to the boat canvas – no propeller creating drag, no wire looms.
- Generate automatic reports to monitor performance variations.

Technique Analysis

- Examine velocity and acceleration traces at 100 times per second.
- Synchronise scrolling graphs against video footage. See how each component of the stroke contributes to boat speed or slows you down.
- Measure velocity at catch and velocity at release
- Quantify consistency over the race and through different stroke rate bands
- Analyse and quantify boat roll, pitch and yaw. Use this to engineer better crew balance and synchronisation.
- Quantify wasted energy in boat sideways and up/down motion.



Additional Specifications

- 5 Hz super fast GPS
- 100Hz velocity and acceleration data
- Video synchronisation
- Advanced graphing and data export tools
- Automatic report generation
- 100Hz accelerometers – 3 axis: for forward, vertical and sideways acceleration
- 100Hz gyroscopes – 3 axis: for roll, pitch and yaw
- 30Hz magnetometers – 3 axis
- Heart Rate recording from Polar compatible straps
- 1GB on board flash memory
- USB 2.0 upload
- Rechargeable battery – 5 hour life
- Wireless link for real time data

“minimaxX has drastically altered our approach to training. It’s now the foundation of routine performance monitoring for all our national teams”
 – Dr. Tony Rice, Australia