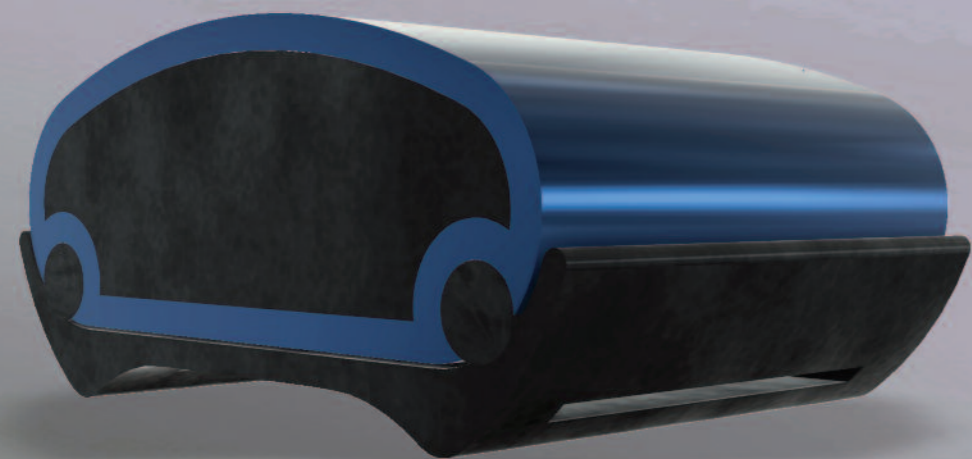


perfect view of the result
with Wiva's App



You can get a perfect view of the results and perform an accurate analysis through Wiva's Apps, derived from powerful Biomech® software, widely used in science field scientific measurements made available by the experts of the interaction.

get **Wiva**® wit a lot
of special accessories



The small size (just over 3 cm), and the special design of **Wiva**® with removable bumper allow you to use it in complete freedom and in all conditions, using a set of dedicated accessories

General parameters

power supply	3.3	V
operating time	12/14	h
charge time	4	h
communication interface	Bluetooth	4 low energy
memory	4	Gb
dimensions	35x37x15	mm
weight (inc. battery)	50	g
frequency	fino a 1000	Hz
operating temperature	0 ÷ 60	°C

Gyroscope

dynamic range	±250 ±500 ±1000 ±2000	degree/second - dps
sensibility	3	%
linearity	0.1	%FSO

Acceleration

dynamic range	±2 - ±4 - ±8 - ±16	g
max offset	±40	mg
sensibility	3	%
linearity	0.5	%

Magnetic field

dynamic range	±4800	µT
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GPS

frequency	1÷10	Hz
max consumption	25	mA

WIVA®
get in track



LETSENSE

Wiva® is a Letsense Group brand
www.e-wiva.com - getintrack@e-wiva.com



not just a “sport tracker” but the first professional device for scientific tracking and the improvement of sports performance.

Wiva® is not just a "sports tracker", but is a personal device, powerful and complete, to analyze, measure and improve sports performance.

Wiva® is the first "sports tracker" that allows an assessment of the biomechanical characteristics of the sporting gesture. This aspect allows you to get a better performance because a movement performed correctly leads to better efficiency of the gesture.

Biomechanics combines knowledge of anatomy and the principles of physics to study human motion. In sport, we often refer to the ‘mechanics of the stroke’.

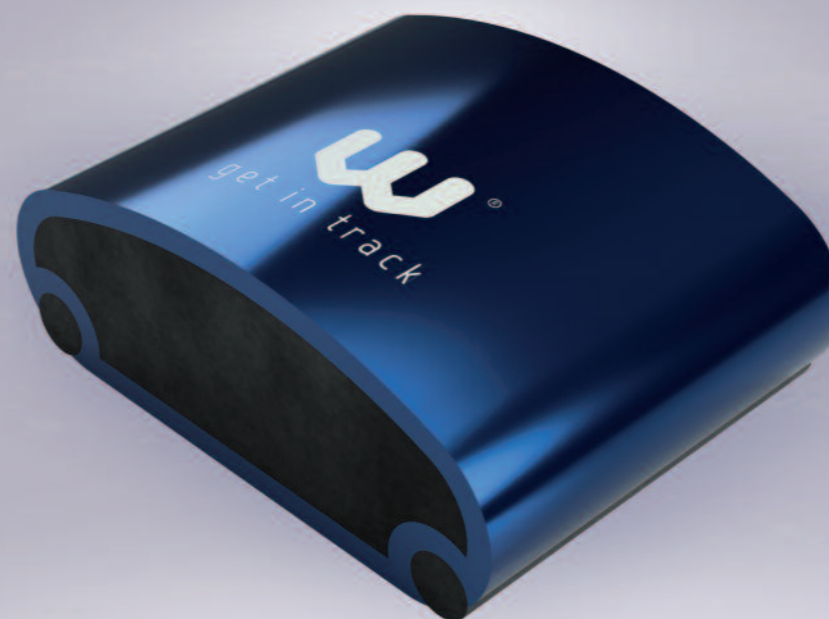
Biomechanics and Sport Science have developed over recent years and now play a vital part in sport performance.

This science can help fine tune a sportsman, not only in reducing those

extra seconds in competition, but also for the efficiency of any sport activity no matter how fast they are doing.

Wiva® was created to make available at the professional athlete or amateur the technology for the analysis of the movement used in scientific environment.

Wiva® has the ambition to reshape the sector of "activity trackers" providing a simple but scientific method for the measurement and enhancement of sports performance.



Wiva® is a small inertial sensor that uses wireless Bluetooth connection "4 low energy". Inside there are a IMU 9 axes sensor, an altimeter and optionally a powerful GPS.

The sensitivity of the gyroscope and accelerometer are adjustable in function of the program of use.

An internal memory of 4Gb, allows to store data for long periods and the acquisition frequency up to 1000Hz, allows the analysis of very fast movements.

These features are very useful, because they allow you to evaluate, periodically and in a scientific manner, the work of the athlete.

Wiva® in any case can communicate the data in real time at a frequency of 200Hz.



Wiva® is available in configurations and specialized protocols

App and references

RUN	WIWA RUN ST	running analysis
POWER	WIWA POWER ST	fitness analysis
CYCLING	WIWA CYCLING ST	cycling analysis
SKI	WIWA SKY ST	skiing analysis
TENNIS	WIWA TENNIS ST	tennis analysis
SWIMMING	WIWA SWIMMING ST	swimming analysis
VOLLEY	WIWA VOLLEY ST	volley analysis
BASKET	WIWA BASKET ST	basket analysis

Wiva® will be available in specialized versions for the main sports activities; the Apps and dedicated desktop application in the cloud, will extend the use of the same device **Wiva®** on multiple disciplines.

Wiva® is born from the LetSense Group's science, industrial group active in the medical research and uses the proven technology Free4Act®.

Wiva® is not only an evaluation system of personal performance, but is a complete program that can be used by the individual professional or amateur athlete, trainers or sports clubs who want to make measurable their training methods.

Wiva® can be used by athlete pro or sports passionate.

In its version **Science** (Wiva Science) can be used by coach, sport trainer, personal trainer, team manager, sport manager, doctor, orthopedist, physiatrist, rehab pro.

