

Ride safely & enhance  
your biking experience.



Technology by  
**HELITE**  
airbag technology expert

French manufacturer  
with 15 years of airbag  
protection expertise.

World reference for airbag protection in various  
applications including motorcycling, horseback riding  
and health sector.

100 000 airbags systems sold worldwide.

LET'S KEEP IN TOUCH



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**HELITE**  
airbag technology expert



A SMART  
AIRBAG VEST  
FOR CYCLISTS



SMART  
AUTONOMOUS  
REUSABLE  
COMFORTABLE  
PROTECTIVE

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Be safe, Be free, Be a cyclist.

## Protection B'Safe



Inflation in **80 ms**



Optimal protection of **NECK**, thorax and back



**REUSABLE** vest

## B'SAFE CONCEPT

THE 1<sup>ST</sup> WEARABLE AIRBAG VEST that protects cyclists in the event of an accident.



## HOW IT WORKS ?

The vest uses a smart algorithm that follows motion in context and detects an accident. When an accident or a fall is detected the airbag deploys automatically protecting the cyclist well before impact.



1

### MOTION ANALYSIS

The system analyzes motion in context.



2

### ACCIDENT DETECTION

The vest and the saddle sensors analyze the situation; detecting an accident.



3

### AIRBAG INFLATION

The system has detected an accident and triggers the airbag.

**Inflation Time**  
**80 ms**



4

### IMPACT & PROTECTION

The cyclist is protected before impact and the shock absorbed by the airbag.

**Absorption by 90%**  
**= Optimal protection**

## TECHNICAL FEATURES

The device contains **1 sensor + 1 cartridge** which is integrated into the vest & **1 sensor** attached under the seat.

### TECHNOLOGY

Motion analysis  
Accident detection  
Automatic activation  
7 days battery life  
2 electronic sensors



### DESIGN & ERGONOMY

4 sizes: S, M, L, XL  
Water repellent  
Comfortable: light & breathable fabrics  
2 colors available:  
Black & Yellow  
Hi-Vis

### PROTECTION

Full AIRBAG protection  
Reflective stripes

### REUSABLE

**Co2 cartridge** easy to change  
after deployment