

 ELECTRONIC AIRBAG SYSTEM

E-TURTLE



Helite launches the e-Turtle: the electronic airbag vest for the road

On the road, various types of accidents can occur while motorcycling: accidents at standstill, at low speed, frontal or side impact (disregarding the right of way), high side, low side etc. It is therefore important to offer 360° protection to motorcyclists. That's why Helite launches the e-Turtle, the electronic version of the best seller for the road.

The vest integrates the **“electronic airbag system”** technology and the **“full protection”** option developed by Helite after several years of research, development and numerous crash tests. The e-Turtle retains Helite's high standards of protection and ease of use. This unisex model is available in black and yellow hi-vis. It can be worn over any motorcycle garment. The e-Turtle is available in 7 sizes (from XS to XL-L) from 689 € at all Helite retailers in France and Europe.



Technical features

- Multi-sensor electronic detection
- Autonomy: 25 hours
- USB Charging
- E-cartridge: GG 60 and GG 100
- Easy and intuitive system



THE ELECTRONIC AIRBAG SYSTEM BY HELITE

An advanced multi-sensor detection:

The electronic airbag technology by Helite contains two on board-sensors that analyze the situation in real time and offer 360° detection. When a fall or accident is detected, the vest inflates automatically.

1 Multi-sensor electronic card integrated into the vest (CDU): follows the motorcyclist's motion in context and detects accidents in real time.

2 Sensor to install on the motorcycle (SDU), optional: is paired with the vest sensor and detects impacts on the motorcycle (further information below).



OPTION "FULL PROTECTION" WITH FORK SENSOR

Highly recommended for the road. For full protection, the manufacturer Helite advises the addition of the "full protection" option. It consists of installing an additional sensor on the motorcycle fork to detect impacts on the motorcycle.

THE ADVANTAGES:

- 1 **Faster detection and on first impact:** Helite ensures a detection time from 31 ms at 30 km/h (see the crash test video).
- 2 **More accidents covered:** protection at standstill and at low speed regardless of the angle of impact.



Easy to install on the motorcycle

5 years autonomy

THE ADVANTAGES OF THE E-TURTLE

Just like the mechanical Turtle that has proven itself by effectively protecting users around the world from hundreds of crashes on the road, the e-Turtle retains the following advantages:

- ✓ **Big protection volume:** between 17 and 28L (the biggest on the market) depending on the airbag size, possible because the vest is worn over the garment.
- ✓ **Neck protection:** the voluminous neck brace supported by the back cushions avoids hyper-extension and whiplash.
- ✓ **Excellent back protection:** thanks to the **TURTLE technology that integrates** a SAS-TEC level 2 back protector situated behind the airbag the shock distribution of the airbag is better.
- ✓ **Adjustable:** the three adjustment straps make the vest nicely fit over any motorcycle garment.
- ✓ **Reconditioning:** simple reconditioning on the spot by the rider within 2 minutes after an activation, to get back on the road safely.

TESTS AND CERTIFICATIONS

The vest is CE certified. The system has been tested under various conditions and on different types of roads in numerous crash tests.

"I am one of the first e-Turtle testers. I slipped in a roundabout and the airbag system triggered properly. I was surprised by the fast detection and the protection. In terms of use, I cannot complain, the system is very easy to use and to reuse."

Maxime P,
Tester e-Turtle,
Commuter and free time rider,
motorcycle: SV650 Suzuki

PRICE AND CONDITIONS OF PURCHASE

Without subscription & available at all Helite dealers in Europe.

3 purchase options:

- ▶ Autonomous vest: 689€
- ▶ Autonomous vest + fork sensor: 799€
- ▶ Fork sensor only (if several motorcycles): 119€
- ▶ e-cartridge replacement: 59€

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