

## **BeOne: the real-time sweat analysis armband developed by Linxens and BeLab**

BeOne is a scientifically validated armband that makes sweat analysis accessible to everyone. This French innovation, created by Linxens and BeLab, provides a new physiological way to understand your body in a way that has never been possible before.



### **Analyze data to improve sports performance**

Equipped with a sweat collector, this connected armband analyzes perspiration in real time and provides personalized hydration advice to improve performance and recovery, during and after exercise. But sweat isn't just water!

It's also made up of electrolytes, including salt (sodium chloride). Salt loss can be serious, causing muscle contractions, among other things. Keeping track of your natraemia during exercise will help you perform better and feel less tired. Natraemia represents the plasma balance between water and sodium. A good natraemia is around 135 millimoles of sodium per liter of water. Too much water or too much salt leads to an imbalance that can have serious consequences.

BeOne helps to avoid dehydration-related performance loss, and offers personalized advice on how to balance hydration, reduce cramps and the risk of injury.

Via the mobile application, users can view their measurements live. It also provides athletes with a better understanding of thermoregulation, enabling them to improve performance and the risk of injury.

## Health data security



For the design of the sweat collector, BeLab relied on the technology developed by Linxens, a global expert in the electronics industry specializing in the design and manufacture of micro-connectors, RFID antennas and biosensors. Drawing on its expertise and know-how, Linxens has designed the collectors and electrodes that continuously measure:

- Sweat flow
- Salt loss
- Calorie loss
- Water loss
- Humidity level

As a partner to healthcare manufacturers, Linxens provides high-quality data and reliable, secure transmission systems. With this partnership, the company is pursuing its development in the healthcare sector, while strengthening its offering of connected health solutions.

Recommended retail price: €239

Available now for pre-order: [here](#). Linxens will resume sales via specialized partners in 2024.

For further information, please contact the press agency:

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### **About Linxens**

A major player in the global electronics industry, Linxens designs and manufactures RFID microconnectors and antennas for security, identity and IoT, as well as biosensors and wearables for connected health. With over 120 billion micro-connectors and 6 billion RFID antennas produced to date, Linxens develops technology solutions based on its components for the telecoms, transport, hospitality, leisure, financial services, government, access control, healthcare and IoT markets. Headquartered in France, Linxens has 9 production sites, 5 R&D centers and employs 3,500 people worldwide. For further information: <https://www.linxens.com>

### **About Belab**

Belab is a French start-up specializing in technological innovation dedicated to connected health. Founded in 2016, the company is committed to developing advanced solutions to optimize sports performance and physical well-being. Its flagship product, the Be One connected armband, revolutionizes the way individuals measure and understand their physiological parameters, offering a novel approach to improving health and performance. Based in Wambrechies, France, Belab strives to promote excellence in wearable technology and contribute to the overall well-being of its users.

For more information, please visit the [Belab website](#).