

The epoc system for blood testing at the Paris Olympics

Levallois-Perret, 28th September, 2024 - The Olympic Games, with their extreme demands for endurance and performance, also pose significant challenges to the health and safety of athletes. All too often, accidents of varying severity related to dehydration occur under these intense conditions. Linxens has been a key partner of Siemens Healthineers in their development of an innovative solution: the epoc® blood analysis system that is being used by medical teams during the Olympic Games in Paris.

This wireless device allows for comprehensive blood testing directly on-site using a simple test card at ambient temperature. Thanks to this advanced technology, results are obtained in less than a minute, providing rapid and accurate measurement of critical biochemical parameters such as sodium. Linxens, the manufacturer of an essential raw material component, has played a part in developing this solution by designing and manufacturing the electrodes that enable such quick and efficient analysis.

“The epoc® system is a world-leading diagnostic tool that has revolutionized critical healthcare by enabling rapid, accurate care. Linxens has been a partner in this collaboration, providing an essential raw material that forms the base of the biosensor array, which Siemens has developed into a cutting-edge Point-of-Care solution. Our teams at Linxens and Siemens continue to work closely on advancing next-generation systems.” explained Mark Fritz, Site Head, Point-of-Care at Siemens Healthineers.

The epoc® system facilitates prompt intervention in the event of electrolyte imbalances, helping to prevent heat stroke and other hydration-related complications. This technology will allow athletes to fully focus on their performance while being assured that their well-being is optimally monitored.

By incorporating this innovation, Linxens and Siemens Healthineers reaffirm their commitment to enhancing athlete health and safety, while setting new standards in the field of sports medical technology. The two companies have been collaborating since 2006, continuously advancing the field with their joint expertise and innovations.

About Linxens:

For over 40 years, Linxens has been a global leader in the electronics industry, providing innovative, customized component-based solutions to meet the most demanding technical specifications for connectivity, traceability and authentication. Linxens is the supplier of choice for many of the world's pioneers in technology-driven markets such as payment, mobility, telecommunications, access control, e-Government, healthcare and the IoT. Linxens has a unique infrastructure to meet the specific needs of its customers, from prototyping to mass production, supported by roll-to-roll manufacturing capabilities. To better offer its solutions and expertise to the healthcare market, the Group has developed a dedicated offering under the Linxens Healthcare brand, which includes solutions in electronic skin patches / wearables, biosensor manufacturing and connected solutions. Linxens has 7 R&D centers and 8 factories worldwide, and employs over 3,500 people. <https://healthcare.linxens.com/>



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