The company is considered "essential" in the COVID-19 crisis using G2 ozone to disinfect face protection masks before being delivered to health workers

Jeanologia repurposes its technology for sustainable jeans processing to an innovative method for sanitization

- **Facing the global uncertainty, the company has reacted in record time showing its capacity for leadership**
- **With this technology it is possible to disinfect 15,000 face masks a day**
- **The R+D technicians at Jeanologia are working to take further steps with sanitization for apparel and workwear industry**

Jeanologia, world leaders in sustainable and eco-efficient technology development, has repurposed its ozone based **G2 technology**, which it uses for the sustainable treatment of jeans into an innovative method for sanitization and disinfecting face protection masks.

Making its technology the last link in the production chain for certain sanitary equipment, before being delivered to the hospitals.

Considered an "essential" business by the Spanish government during the COVID-19 crisis, the company is making a great effort, working together with other technology centers and universities in coordination with the government, and acting altruistically.

Enrique Silla, **Jeanologia**'s founder, has highlighted that "facing the global uncertainty, we have transformed ourselves in record time, showing our capacity for leadership".

He has also indicated that "after Covid19 eco-sustainable production will become obligatory for everyone. Only the companies that have put people and planet before profits and have a purpose will be able to survive."

Experts in ozone, nature's greatest disinfectant

Silla also highlights that at **Jeanologia** they are experts in producing ozone, "for more than 15 years we have been applying it in the textile industry to make the industry more sustainable". That's why with the current situation, where sanitization is primary in combatting the virus, "we have challenged ourselves to transform our G2 technology within the timeframe of only one week."

For the sanitization process, we take the face protection masks to be disinfected and put them into a hermetically sealed chamber – **Sanitizingbox** – subjecting them to a determined quantity of ozone. Through advanced oxidation, bacteria is eliminated and the material is disinfected.

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Ozone is the strongest antimicrobial disinfectant and strongest oxidant in nature. Once it has been used, it is treated and returned clean to the atmosphere having been converted into oxygen.

The G2 technology transformed into the **Sanitizingbox**, becomes the key link for sanitization and is capable of disinfecting 15,000 masks a day.

The disinfection protocol is certified by the Valencian government's health authorities and complies with international health and safety specifications.

The founder at **Jeanologia** has forwarded that "we are going to continue working in this direction with our R+D team because the sanitization of apparel and workwear is demanded by brands and consumers. Only through sanitizing will be able to speed up regaining consumers' trust, guaranteeing the fast recovery of our industry."

25 years working for the world

Since 1994 Jeanologia's has been to create an ethical, sustainable and eco-efficient industry through their disruptive technology and know-how. Their laser, G2 ozone, e-flow, Smart Boxes and H2Zero, have revolutionized the textile industry. They offer infinite design and garment finishing possibilities, while saving water, energy and chemicals, eliminating discharge and toxic emissions.

The company currently employs 257 Jeanologist from 27 nationalities and has clients in 5 continents through its 10 subsidiaries. The export of its machines and services represents 90% of its total billing, reaching 66 countries. Over 35% of the 5 billion of jeans produced worldwide every year are made with their technologies, and the biggest market brands place their trust in Jeanologia, using technology developed by the company.

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