PLASMATICO

Innovative sterilisation method without high temperatures and chemicals.

The Plasmatico decontaminator uses low-temperature plasma (NTP) to effectively decontaminate medical and laboratory equipment or personal protective equipment without the need for high temperatures, vacuum or chemicals. It stands out from the competition in terms of simplicity, energy efficiency, mechanical durability and, in addition, its operation is extremely environmentally friendly with minimal waste production. The goal is to achieve commercial deployment in laboratories, hospitals and other facilities with a business model based on boxed and modular solutions.

Unique selling points:

- Environmentally friendly decontamination without chemicals and high temperatures.
- It extends the life of decontaminated items and allows decontamination of a wide range of materials.
- Plasmatico is energy efficient, safe and easy to use.
- It brings the possibility of upcycling medical and protective equipment that could not be decontaminated before due to high temperatures or the use of chemicals.
- Decontamination of items of personal use, for example for immunosuppressed ophthalmic patients.

Product

Decontamination equipment

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

1/2023

B2B