

PolySANITIZE

A safe gate, for all.



TERMOSCAMNER



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About Us

Technology at service for your **safety**.

For over 25 years, **BM Group Polytec** has been designing and manufacturing automation systems and robotic islands for the industry, so that people work in total safety and the processes are more efficient.

The constant investment in research and technological development has allowed the company to create true 4.0 solutions that combine automation, mechatronics, vision systems and artificial intelligence.

With **PolySANITIZE**, BM Group Polytec places itself on the front line for a country that wants to start safely.



Safety: BM Group Polytec's solutions are aimed at improving the working condition and preventing the risk of accidents, while respecting health and the environment.



Efficiency: The integration of multidisciplinary skills and the availability of the most advanced technologies allow you to maximize the performance of each individual operation.



Quality: Service is the expression of a process that involves all company activities: we want to be the preferred supplier for those looking for the best for their company.



PolySANITIZE is:



Safe
Certified products and materials



Practical
Transportable and movable for both outdoor and indoor use



Technologic
Compact and resistant



Personalizable
Adaptable external graphics



Fast
Contactless and rapid "go through" process



Simple
Service and Consumables always available



"PolySANITIZE has made everyone more relaxed. Only four steps to complete the procedure of access (and exit) in complete safety. A sensor detects the presence of people or things and the sanitizing liquid is vaporized through the system nozzles. "





Dimensions: mm 2100 h x 2450 x 2600 h
RGB Led internal illumination
UV resistant pannels
Wooden option (indoor)
CE Certifiable

Four steps towards safety

Phase 1

The whole procedure is explained with **guided voice messages**.

On the outside wall, the **thermal camera detects body temperature** and checks whether the person wears a mask.

The printer issues the **ticket** to validate access to the box.



Phase 2

At the entrance of **PolySANITIZE**, the reader for access control performs **facial recognition** (can be activated if desired).

This functionality allows maximum **traceability** and control of the passages.



Phase 3

Inside the box, the first operation is **hand hygiene**, a fundamental preventive strategy, which takes place without any contact with the surfaces.

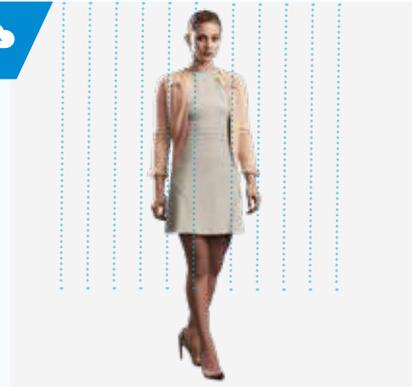
- **Sanitizing gel** (BASIC version)
- **Electric sink with soap and towels** (TOP version)



Phase 4

The **photocell** identifies the person crossing PolySANITIZE, activating the nebulizer.

The person stops at the indicated point **a few seconds**, exiting when the acoustic signal goes on.



Features & Versions



“BASE” Version

- Optical temperature detector + printer + pc + speakers + RGB LED + facial recognition
- Sanitizing Gel
- Nebulizer
- Tank with cap prepared for “island mounting”
- Ramps for the disabled

Requires: Electrical connection



“TOP” Version

- Thermal scanner + printer + pc + speakers + RGB LED
- Sink + germicidal soap and electric towels (all with photocell) + instantaneous water heater
- Nebulizer
- Water and drain connected to customer’s system.
- Ramps for the disabled

Requires: Electrical connection, water and drain.

Service & After Sales



Guarantee your PolySANITIZE the highest level of quality and safety with the PolySERVICE package. For consumables and assistance: service@bmgroup.com

Plan annual maintenance in advance:

Lower support costs.
Speeds up the delivery of services.
Improve user satisfaction.

Let's talk, with Mauro Schivalocchi

Product Manager PolySANITIZE (BM Group Polytec)



PolySANITIZE is a solution that "leaves" your core business.

"BM Group Polytec is a system integrator that, for over 25 years, has been offering the market innovative solutions, automation and robotic systems for manufacturing companies.

Our applications are a concrete example of Industry 4.0, therefore they are aimed at better safety for the operator, an increase in production efficiency and final quality.

It's not the first time we find an opportunity in a company due to a difficulty, and with this product, we wanted to make our small contribution to restarting safely following the CODIV 19 emergency. Italy is a country of inventors and innovators so we started working. From the problem of safely

managing staff access (and exits) in the company, we have developed a plug & play solution that facilitates this new procedure to the utmost, reducing timing and ensuring safety for all. We have adapted technologies that we use every day for automation platforms and robotic cells making them available to everyone."

What can your company offer more or better than the others?

"In-depth knowledge of automation systems is an added value.

The passage is completely automated and combines all the steps required by the procedure in a few moments: temperature detection, hand hygiene, sanitizing clothing and accessories. Not only.

The solution can be modulated and implemented with specific functions, on request, such as facial recognition

and correct use of the mask. Just think of a company that wants to manage stampings, rather than airports or institutions that require maximum access control. Our system meets these needs and is suitable for all situations in which the flaws are due to the human factor.

Responding to critical issues and needs to improve performance is the added value of our offer."

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