



UV - STYLO-F

compact UV-C system with flange



UV-STYLO-F system is very simple, versatile and adaptable to different types of applications, from conveyor belts to silos, containers, food storage in general, and anywhere control is required as for hygiene level in a deep manner owing to an all-round radiation of the surfaces.

UV-STYLO-F is designed specifically for applications in the food industry, and that is why one of its features is also the IP67 protection level, allowing it to combine perfectly with damp environments and water splashes.

Traditional cleaning methods are, often, not sufficient to ensure high levels of hygiene, which can be achieved only by the use of UV-C technology.

As a matter of fact, food processes and storage have the need to be kept under control, by monitoring hygiene levels, to increase quality standards, which are usually very high.

It is shown how, in the food industry, an increased hygiene level allows a consequent and general product quality improvement. UV-STYLO-F achieves the elimination (99%) of bacteria such as *Bacillus*, *Coli*, *Clostridium*, *Legionella*, *Vibrio*, *Salmonella*, *Pseudomonas*, *Staphylococcus*, etc. in just a few minutes of operation.

High disinfection levels of UV-STYLO-F can be otherwise achieved but only with a massive use of chemicals, hazardous to health and harmful to the environment, as well as costly.

WHAT ARE UV-C RAYS?

Light in a broad sense can be divided in visible, infra-red and ultraviolet rays.

Ultra-violet rays (invisible) can be classified in:

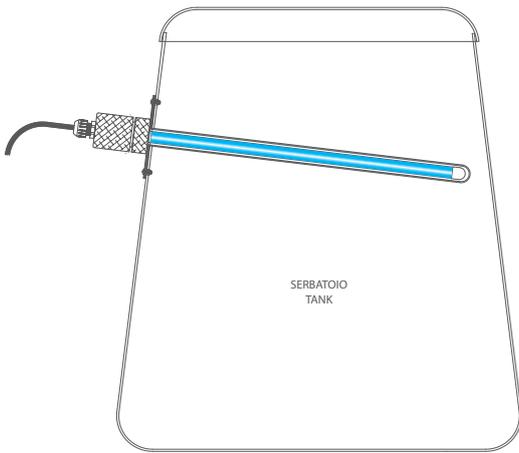
- UV - A (with tanning properties)
- UV - B (with therapeutic properties)
- UV - C (with germicidal properties)

The germicidal effects of the UV-C radiation destroy DNA of Bacteria, Viruses, Spores, Fungi, Moulds and Mites avoiding their growth and proliferation.

UVGI technology is a physic disinfection method with a great cost/benefits ratio, it's ecological, and, unlike chemicals, it works against every microorganisms without creating any resistance.



Application in an industrial environment



Application example

TECHNICAL FEATURES

- UV-C Light Progress selective lamp (emission peak 253.7 nm.) with high output, ozone free, very pure quartz.
- Stainless steel AISI 304 flange
- All materials are tested to resist to intense UV-C rays.
- Dust and water resistant (Class II)
IP 68 (lamp+quartz).
IP55 (Cable and supply-box).
- Supply box (MASTER-STY) or “naked” ballast (-B, Ba) available.
- CE marking (LVD - EMC - MD - RoHS).

UV - STYLO - F

simple versatility



Model with power box

UV-STYLO-F consists of a UV-C radiation lamp, protected by a pure quartz sleeve; a cylinder made of insulating material, attached to the steel flange, supports the quartz and contains the electrical connection between the lamp and the power cable.

Quartz also performs the important function of protecting the UV-C lamp from high and low temperatures, creating an air cushion between the lamp and the external environment, thus increasing output.

It is possible to choose between a “naked ballast” or to add a control panel to check operation, alarms and hour-counter separately. (MASTER-STY) (Optional)

UV-STYLO-F is available in various lengths and wattages, to meet the different use requirements.

The special construction materials make it possible to use it even in aggressive environments. These features allow washing without problems even within the same machinery. UV-STYLO-F does not require any special maintenance, except for the periodical replacement of the lamps. The UV-STYLO-F is entirely manufactured in Italy, with high quality and extremely resistant materials.