UV - CABINET

UV-C devices

UV-CABINET preserves the hygiene of tools, containers and of any type of equipment in the health sector. As a matter of fact, commonly used objects in the health sector have the need to be disinfected to mantain high hygiene and quality standards, typical of this sector. With UV-CABINET, it is possible to perform the disinfection of equipment and tools in a simple, immediate and safe way, without developing heat, without using liquids and without any contraindications.

The cabinet is equipped with UV-C lamps, positioned uniformly, in order to radiate all surfaces to be disinfected and without any shadows. Moreover, the internal reflection increases the irradiation power, managing to significantly lower the exposure time required to achieve the disinfection level of 99.9%.

The use of the UV-CABINET is indicated when it is required to preserve the sterility of the tools, even hours after washing, so that they can be used safely during operations.

It is shown that the control and the increase of hygiene level allows a consequent and general increase in quality both in healthcare facilities but also in pharmaceutical sector, in microbiological laboratories, etc.

The disinfection level with UV-CABINET 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-CABINET can be otherwise achieved, but only with 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.

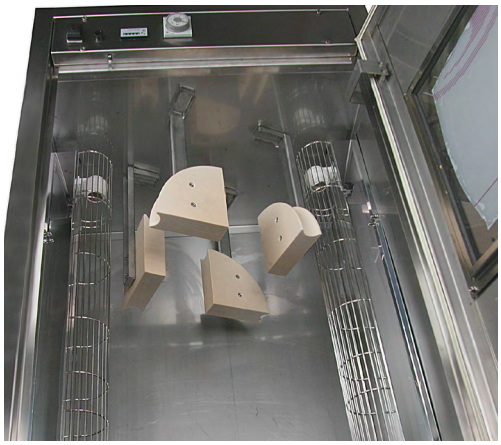
Ultra-violet rays (invisible) can be classified in:

- 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 pharmaceutical industry



Detail of probes holder

TECHNICAL FEATURES

- UV-C Progress selective lamps (emission peak 253.7 nm.) with high output, ozone free, very pure quartz.
- Structure in AISI 304 stainless steel.
- Window/s in clear anti-UV LEXAN ®.
- Timer to set starts and stops.
- Safety switch to turn off the lamps at the opening of the door.
- Model-R with stainless steel grid shelves.
- Model-E with endoscopic probes holder.
- All materials are tested to resist to intense UV-C rays.
- Power supply with electronic ballast specific for UV-C Light Progress ray lamps.
- CE marking (LVD - EMC - MD - RoHS).

UV - CABINET

UV-C devices

Floor standing model endoscopic probes rack

UV-CABINET series includes several models of floor standing and wall unit cabinets, with one or two doors or provided with shelves (UV-CABINET-R) or provided with the specific support for endoscopic probes (UV-CABINET-E).

UV-CABINET has a stainless steel structure and a door with a special LEXAN and anti-UV window, which allows to check the inside of the cabinet and its operation at any time.

UV-CABINET is equipped with automatic shut-off system of lamps, in case of opening of the door. The management of the turning on is carried out via the top panel, which allows to set the automatic timed switch-on, by means of the switch and the timer. The lamps are lit every time the door is closed and the treatment continues for the operation time set; between a disinfection cycle and the other one, it is possible to set the “pause” time, depending on needs, after which the lamps will turn back on automatically for a new disinfection cycle to maintain sterility for a long time. UV-CABINET is entirely manufactured in Italy, with high quality and extremely resistant materials.

LIGHT PROGRESS

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