

Multi-Task Intense Pulsed UV Light System for Air and Surfaces capable in a few sec *reaching 6 logs sterilization of ALL micro-organisms*

which has been proven for the UV most resistant spores - *B. Pumilos* by the Baxter Corp. (USA) on our similar lab system at the certified lab in Tubingen. *B. Pumilos* recently became the standard test spore in the pharmaceutical industry. For all other bacteria, **viruses** and spores the 6 logs reduction needs just 1-3 sec.

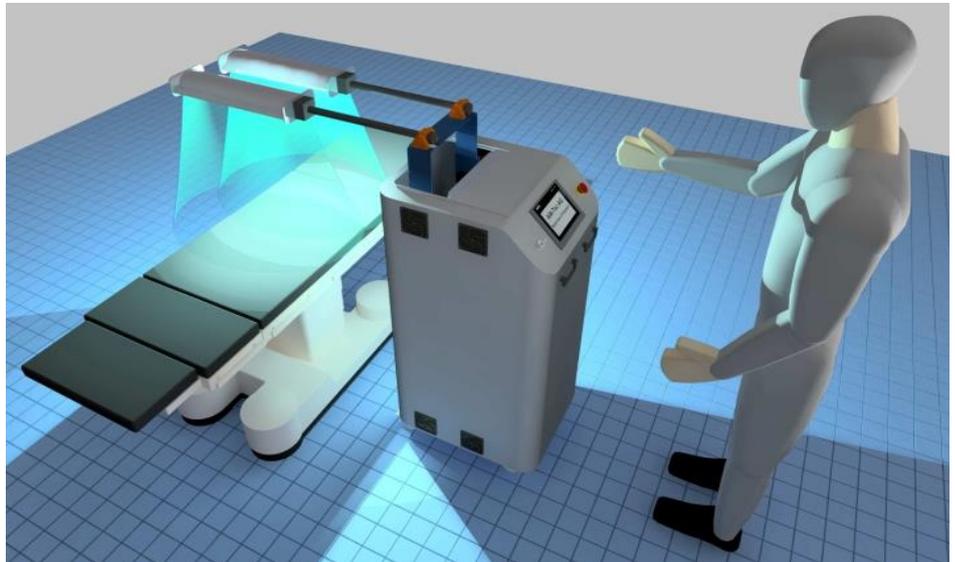


The system limited general description:

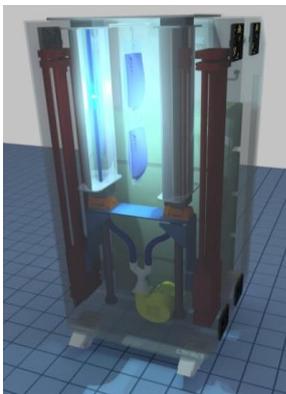
The system general view. It comes with one or two air cooled UV flash lamps. Consuming power for 1 lamp system is ca.1100w, for 2 lamps: ca. 2200w, operating voltage is 230V or 115V at 50Hz or 60Hz. The footprint: 45x45cm, the height: 130cm, the weight is 37kg, lamp lasts for ca. 1000x250m³ rooms.

The system can perform all three tasks:

Task #1: the full air disinfection in a room of 250m³ in just 15 min. It is safe to be around this system during its work only on air sterilization. It will also sterilize air while performing two other tasks below.



Task#2: Sterilizing walls, beds, surgery tables and tools, while during its work people have to be out of the room. The full sterilization time for all surfaces and air in a room of 10mx10m and 2,5m high (250m³): 1h-1,5h.



Task#3: sterilizing infusion bags with freshly filled customized medications. It is important for serving patients relying on specific medications filled in to saline infusion bags. New regulations require any freshly filled infusion bag to be fully (up to 6 logs) sterilized within an hour or so before serving a patient. Only with the system like this it is possible. It will also sterilize air around.

The system can be made in one of 3 versions:

#1: with analogue controls, #2: with interactive LCD preprogrammed controls, and #3: versions #1 or #2 with robotic movements in a room.

More is on request from dr.alex.wekhof@wek-tec.de

