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

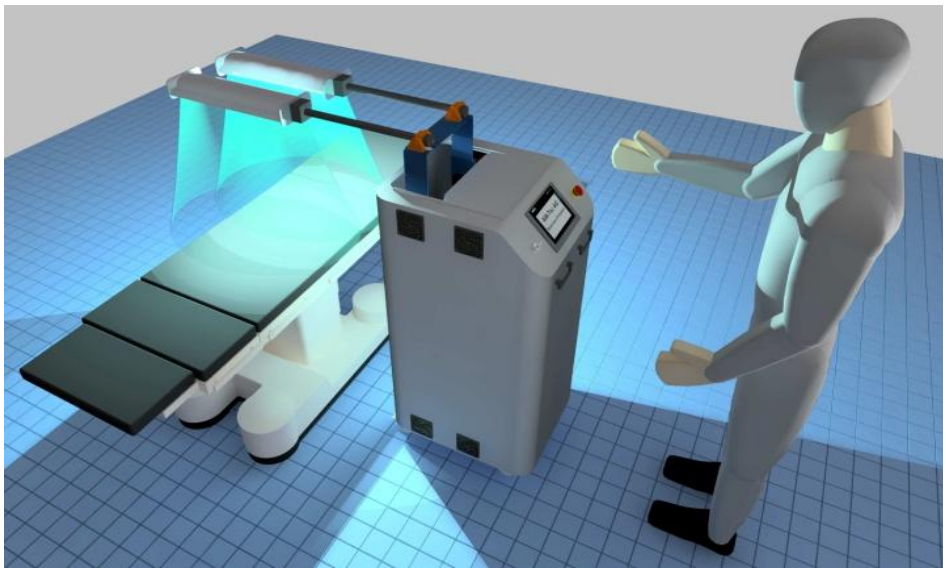
It has been proven for the UV most resistant spores - B. Pumilos by the Baxter Corp. (USA) on our Pulsed UV lab system at the certified medical lab in Tubingen. These spores are the preferable test spores in the pharmaceutical industry. These lab tests deactivate all other major micro-organisms far faster.

The system highlights:

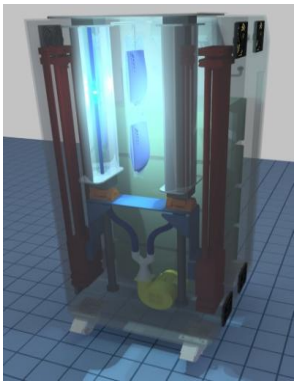
It can be ordered with one or two air cooled UV flash lamps. Consuming power for 1 lamp system is ca.1100w, for 2 lamps: ca. 2200w, operating voltage is 230V or 115V at 50Hz or 60Hz. The footprint: 45x45cm, the height: 130cm, the weight is 37kg, lamps last for ca. 1000x250m³ rooms.

The system is designed for two major tasks:

Hospitals Task #1: sterilizing walls, beds, surgery tables and tools, also air 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) is projected around 1h-1,5h.



This unique Pulsed UV system uses special UV flash lamps with the highest UV output supported by its special driving circuits.



Hospital Task#2: sterilizing infusion bags with freshly filled customized medications. The system meets regulations for freshly filled infusion bags: to fully sterilize locally those within an hour before serving a patient. Plus, it also will sterilize air in the same room.

The system can be offered either with analogue controls (V1), with interactive LCD display & controls (V2) and both versions with robotics. The system is to become a strong competitor to sterilizers with advanced continuously emitting UVC lamps or to sterilizers with intense pulsed light (IPL). Supporting technical, marketing and financial data are available.

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