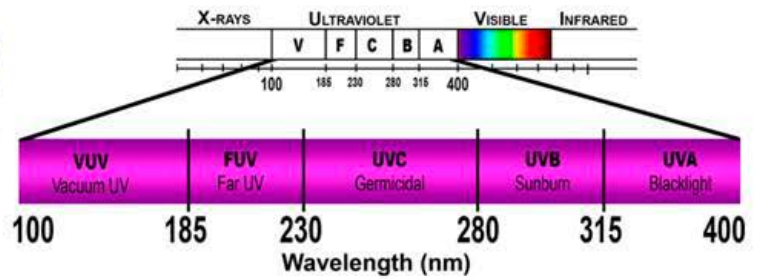


NOT ALL UV IS THE SAME!

FAR-UV STERILRAY™ TECHNOLOGY

Far-UV Sterilray™ is the first and only dry, chemical free, disinfection technology that can kill *C. diff* spores in seconds.



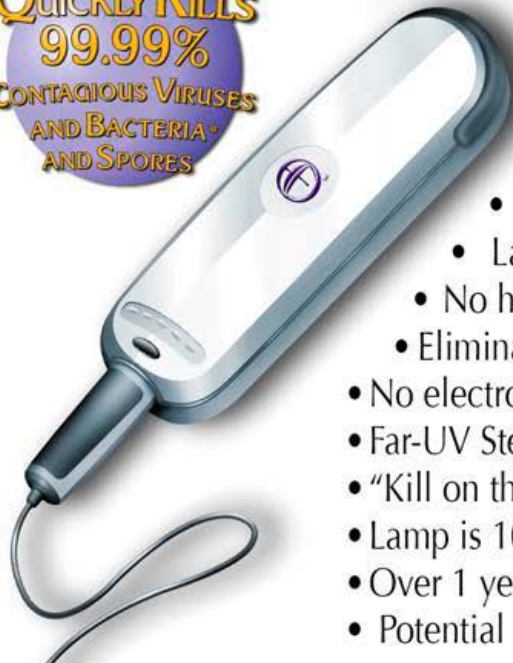
Far-UV Sterilray™ uses a Far-UV source that we have developed that targets the proteins of the DNA. It is very different and more effective than UVC 254nm. The wavelength is close to the peak absorption of the peptide and disulfide bonds.

Far-UV Sterilray™ technology is currently being introduced to the medical/biotech as well as the hospitality and cleaning industries and several institutions where there is a strong need to kill pathogenic bacteria and viruses.

The following applications may benefit from Far-UV Sterilray technology:

- **Food**-the ability to disinfect food at each of the various stages of preparation may help prevent food borne pathogens from reaching the table. We believe we can help achieve a Food Safety Objective (FSO).
- **Pasteurization of liquids**- A patented approach to disinfect liquids with the potential ability to do this in a single pass.
- **Skin**-Skin exposure for 10 minutes has shown no damage yet we are able to get 3 log reduction of *C. diff* spores in a matter of seconds. Potential for animal wound care, treating infections, etc.
- **Production/packaging**- Far-UV Sterilray lamps on a production line would ensure reduction of pathogens at each stage of the process.
- **Air**-We have achieved 99.98% reduction with a **single** pass in air at 500 cfm. Far-UV Sterilray will reduce bacterial levels in the air of production and retail facilities. This should result in increased Food Safety Objectives (FSO) and shelf life.

QUICKLY KILLS
99.99%
CONTAGIOUS VIRUSES
AND BACTERIA*
AND SPORES



Far-UV Sterilray benefits:

- Sterilray sanitizes surfaces in less than one second.
- Environmentally friendly- "Green Clean".
- Will not stain or fade.
- Lamp does not contain mercury.
- Lamp glass is 350 times stronger than UV-C lamps.
- No harmful chemicals, fumes or smell.
- Eliminates odors.
- No electrodes--Instant on full power.
- Far-UV Sterilray lamps produce no ozone.
- "Kill on the fly" -99.98% in a single pass
- Lamp is 10 -1000 times more effective than UVC bulbs
- Over 1 year life with no more than 5% loss of irradiance.
- Potential to reduce the background ozone in a facility



The Far-UV Sterilray™ Disinfection Wand is an exciting, innovative device designed to eliminate a wide range of life-threatening organisms from a variety of surfaces. It can achieve this goal in less than 3 seconds. Tests conducted by independent labs have demonstrated its efficacy in destroying *C.diff*, *VRE*, *MRSA*, *Acinetobacter*, *Bacillus atrophaeus* and many more.

Far-UV
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