

Ultraviolet Sterilizers

For Sterile Water Production or TOC Reduction.

Standard Features

- 316L stainless steel chamber to prevent corrosion and ensure water purity
- Pure quartz jacket for protection of the high intensity lamp
- An electrical ballast for lamp operation

Optional Equipment

- Manual or automatic wipers for cleaning quartz jacket
- UV intensity monitors
- High Intensity Lamps
- Custom Controls



The ultraviolet sterilizer system is designed to provide sterilization of ultrapure water without harsh chemicals or intense heat. The system consists of an electropolished and passivated 316L stainless steel chamber to ensure purity and a pure quartz jacket to protect the high intensity ultraviolet lamp.

This ultraviolet lamp provides greater than 30,000 microwatt seconds per square centimeter of 254 nanometer ultraviolet radiation. Most water-borne pathogens are destroyed with less than 10,000 microwatt seconds per square centimeter. This guarantees most microorganisms, which can affect research quality water will be destroyed. The result is pure, bacteria-free water.

Lamps are also available in 185 nm wavelength for oxidation of trace organic contaminants.



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Service and Supplies

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