



Evoqua

Value Proposition 1172

Product UV

Industry: ultrapure water

Value Proposition: Most effective and efficient
destruction option

Evoqua UV for Semiconductor

- Evoqua has developed its [VT TOC Range](#) of ETS-UV™ Generators, each of which has been designed for superior TOC reduction in UPW processes. The ETS-UV™ VT Series exposes the UPW to 185nm wavelength UV light. This process creates a short-lived hydroxyl radical, which breaks down TOCs into carbon dioxide for significantly improved UPW quality.
- With 185nm wavelength UV critical to efficient and effective UPW disinfection, Evoqua's VT Series offers an industry-leading solution. With high-quality construction and materials, Evoqua's lamps have a long life and require fewer total lamps for a given flow rate.
- The VT Series helps to reduce capital and operational expenditure while delivering one of the most effective and efficient UPW disinfection solutions available on the market. The chemical-free process allows for a more sustainable approach to TOC reduction, and our Spectra 3 control allows the operator to tailor the disinfection dose delivery in real-time based on plant requirements by means of variable power control.
- The Evoqua VT TOC range is available in four models, covering a range of capacities. All models are designed to maximize the surface-area-to-volume ratio for improved treatment efficiency and are fully configurable to meet each customer's specific requirements.