



PRISTINE Technology Fact Sheet

atg UV Technology's customers require higher performing, cost effective water treatment solutions for ultra-pure water (UPW) treatment that reduce the requirement for additional chemicals to be added into the process.

PRISTINE will build upon previous collaborations to deliver a chemical free photocatalytic process for reducing Total Organic Carbon (TOC) and micro-organisms in UPW. The project concentrates on the following developments:

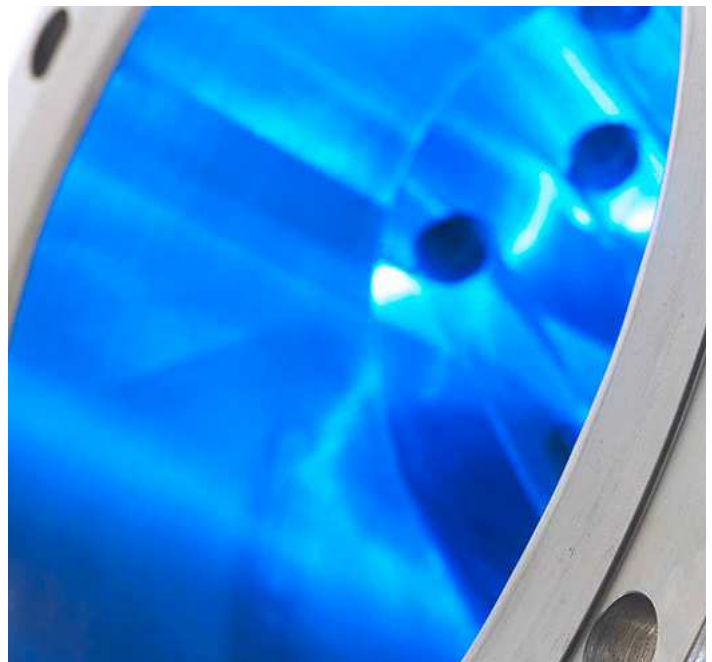
1. Value engineering of the photocatalytic system by using novel manufacturing concepts
2. Optimised manufacturing process for the Keratox photocatalytic system.
3. Enhancement of Keratox photocatalyst using surface treatment and optimised geometry.
4. Efficient continuous feed titanium based Keratox photocatalyst production process.
5. Demonstration of the system to meet the specification of customers within the UPW market.

PRISTINE provides atg UV with a platform to enable a catalogue of products to be manufactured for the ultra-pure water treatment sector and also other water treatment applications.

Key Facts

The key facts surrounding atg UV Technology's PRISTINE Technology innovation are as follows:

- ④ PRISTINE is building on atg UV's existing Keratox technology
- ④ This project will further enhance the performance of the existing technology
- ④ PRISTINE will improve the cost effectiveness of the catalyst
- ④ atg UV Technology are working with universities and industry to deliver the project



For further information on atg UV's PRISTINE technology project, please contact atg UV Technology using the following contact information:

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