



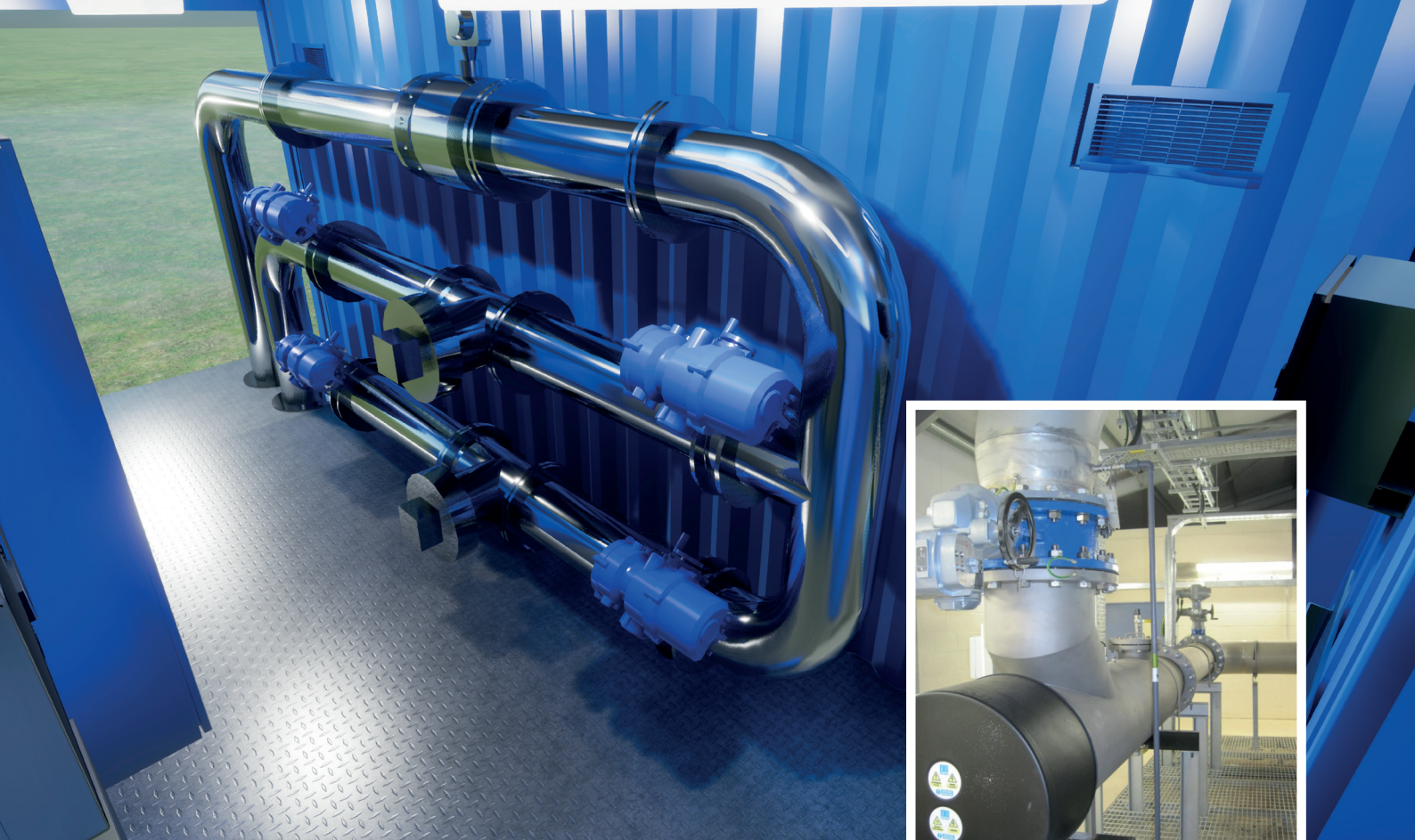
te-uv™

UV treatment for flow rates from 1m³/hr to 500m³/hr

20ft ISO Container with bespoke layout including:

- SR Security ratings
- 100% Duty UV Chamber
- 100% Standby UV Chamber
- 316L Stainless Steel Pipework
- Electrically Actuated Inlet and Outlet Valves
- Sampling Points
- Flow Meter
- UV Monitors & Instrument back board
- Local control panels designed and manufactured in-house
- Fully compliant with DWI Reg 31 / WRAS approved
- WIMES Compliant
- Compliant with Relevant Authority Standards and Supplier Asset Lists

Water and Wastewater Treatment



te-uv™ Design

The containerised UV disinfection package is manufactured specifically for flows of up to 500m³/hr. It has been designed to provide disinfection to ensure the integrity and quality of water supply to customers. Offsite manufacture enables rapid deployment and reduces onsite installation and disruption.

Each container can utilise various bespoke layouts to accommodate existing, external, site pipework arrangements, providing clear access to all areas. For new site installations, a standard floor entry/exit pipework arrangement would be incorporated for a more secure system.

Actuated butterfly valves installed upstream and downstream of UV chambers are used for easy isolation and maintenance. The actuators are battery

backed up for constant UV chamber protection, even in power outages.

Once isolated, the UV chamber allows for easy access to the internal lamps for replacements & maintenance.

The package is designed as a standalone unit and is supplied with pre and post UVT monitoring systems complete with a dedicated hygienic sampling station. Local control panels are designed and manufactured in-house to suit clients' specific and general specifications.

Te-Tech's containerised UV disinfection package is fully compliant with DWI Reg 31, WIMES, and client standards and validated in accordance with the latest DWI guidance documentation.

Contact Us



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