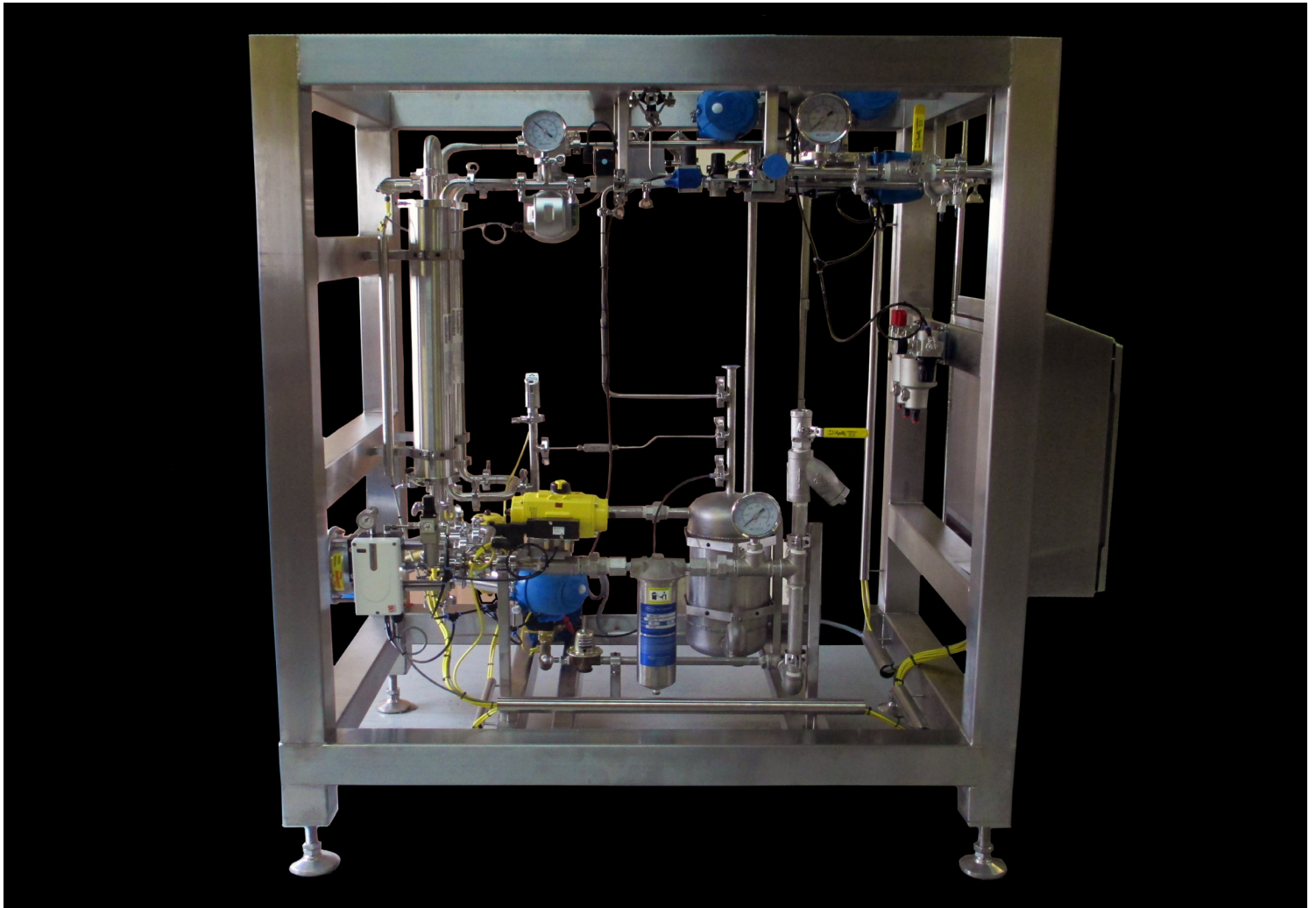




## Deaerator



### Features

- Utilizes vacuum and contact membrane technologies
- Handles various levels of incoming water quality and temperature
- System sized to cover all flow rates and dissolved oxygen (DO) reduction requirements
- Sweep gases incorporated for additional DO removal
- Fully integrated with plant water supply and water use system
- Self-contained skidded systems for easy installation and commissioning
- Designed to meet a multitude of applications
- Heating and cooling can be incorporated to improve deaeration efficiency

# Deaerator

BW Container Systems' Deaeration Systems are self-contained skidded units designed to fit the specific application for each customer. Years of experience and knowledge are combined to help guide customers toward understanding deaeration technologies available and making the right choices for a system that meets the operational requirements.

Whether starting with a new deaeration system or upgrading an existing system, all water deaeration systems must be fully integrated into the existing plant processes to ensure seamless start-ups and an uninterrupted, continuous supply of deaerated water for the customer. BW Container Systems takes the time to understand those requirements and takes pride in designing, manufacturing and commissioning a deaeration system that fits the customer's application.

Various technologies are utilized in the design of the deaeration skid from simple vacuum systems to more complex contact membrane systems that uses sweep gases for extracting the maximum amount of oxygen. Brewing water systems can be designed to reduce DO content to as low as 10ppb. Factors such as flow rate, water quality/chemistry, water temperature, incoming DO level, desired DO target level and the intended water usage are all taken into consideration when designing the water deaerator system.

Skidded deaerator systems are often provided with low DO supply reservoirs to handle the peak demands without oversizing the deaeration componentry. Low DO reservoir tank systems are fully integrated with the water deaeration skid and include level and pressure control, UV sterilizing capability and visual displays on the system HMI of all operation and alarm conditions.

With manufacturing facilities in both the United States and the United Kingdom, our deaeration systems are available to the global market. On-site service support and component supplies are available through a network of service providers throughout the world to ensure customers are fully supported from the initial installation through the complete operating life of the deaeration system.

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Deaerators can benefit your company.



Deaerator HMI View

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