

Production of high purity water with IonPro-LX for Menicon, Singapore

The Client

Menicon Co. Ltd, Japan's first and largest contact lens and care product manufacturer: material development, optical lens design and manufacturing of both hard and soft contact lenses.

Menicon has established a Global Research & Development Strategy Office (GR&DSO) in Singapore.



The Client's Needs

Menicon Co. Ltd (Singapore Branch) has awarded Veolia Water Solutions & Technologies a contract to design, supply, install and commission a deionized water system.

Menicon required a fully validated system able to meet the pharmaceuticals standards (US and Japanese Pharmacopeias).

The Solution

Veolia Water Solutions & Technologies provided a complete technological solution combining IonPro-LX and UV sterilization to produce 1000 liters/hour of high purity water.

IonPro-LX is a fully integrated water treatment system housed in a single compact mobile cabinet that includes Reverse Osmosis (RO) and Continuous Electrodeionisation (CEDI) technologies. The system is connected directly to the main water supply.

The IonPro-LX was factory tested and provided with a full validation pack covering Installation Qualification (IQ) and Operational Qualification (OQ).

The Benefits

- Compliance with USP
- Skid-mounted compact solution
- Fully validated system (site acceptance test, installation qualification and operational qualification)
- Easy maintenance (service door)

Contact

Veolia Water Solutions & Technologies
South East Asia

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