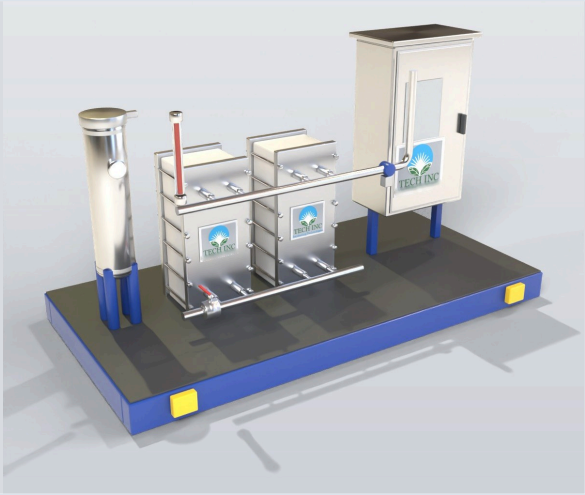
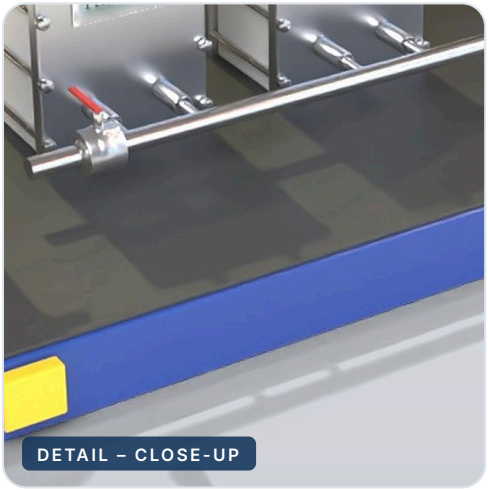
PRODUCT DATASHEET

Large Electrodeionisation System (TECHL-L110 / TECHL-L115 EDI)





DETAIL – CLOSE-UP

OVERVIEW

Large Electrodeionisation (EDI) Systems are advanced water purification platforms that continuously remove ionised and ionisable species from water using ion-exchange membranes, ion-exchange resins, and an applied electric field. The TECHL-L110 and TECHL-L115 models produce ultrapure water without chemical regeneration, making them highly efficient, environmentally responsible solutions suitable for large-scale industrial applications demanding consistent high-purity water production.

MODELS AND CONFIGURATIONS

- **TECHL-L110 EDI** – Large-capacity unit engineered for maximum production rates
- **TECHL-L115 EDI** – Enhanced large-capacity unit offering optimised performance parameters

APPLICATIONS

Large-capacity power plant boiler feed water production; pharmaceutical manufacturing ultrapure water requirements; electronics and semiconductor manufacturing high-purity water supply.

KEY ADVANTAGES

- Continuous 24/7 operation without process upsets or interruptions
- Ultrapure water production eliminating regeneration requirements and chemical handling
- Minimised operating and capital costs through efficient electrochemical separation
- No hazardous waste generation, eliminating disposal costs and environmental liability
- Flexible modular design allowing system expansion to meet growing demand

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