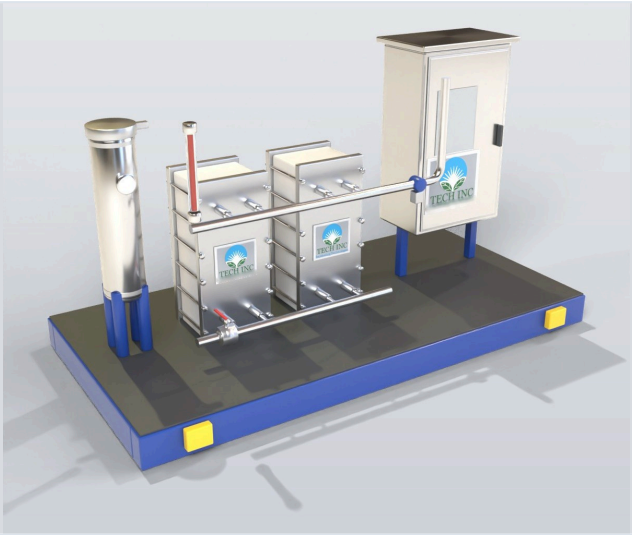
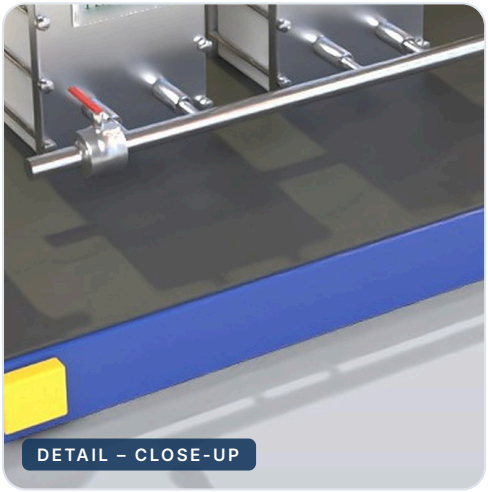
PRODUCT DATASHEET

Small Electrodeionisation System (TECHS-40 / TECHS-60 EDI)





DETAIL – CLOSE-UP

OVERVIEW

Small Electrodeionisation (EDI) Systems are advanced, compact water purification units engineered to produce high-purity water continuously for laboratory and research applications. The TECHS-40 and TECHS-60 models combine ion-exchange resins and ion-selective membranes with a small electrical potential to remove dissolved ionic impurities from water, delivering ultrapure water without requiring hazardous chemical regeneration.

MODELS AND CONFIGURATIONS

- **TECHS-40 EDI** – Compact small-capacity unit perfect for entry-level laboratory applications
- **TECHS-60 EDI** – Enhanced small-capacity variant supporting higher throughput requirements

APPLICATIONS

Analytical chemistry laboratories requiring high-purity water; life sciences and molecular biology research applications; pharmaceutical testing and drug development work; electronics manufacturing R&D and component testing.

KEY ADVANTAGES

- Continuous high-purity water production with stable output quality
- No chemical regeneration needed, eliminating waste disposal and safety hazards
- Compact benchtop design fitting seamlessly into laboratory space constraints
- Low energy consumption and minimal operational maintenance requirements
- Environmentally friendly operation with zero chemical waste streams

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