PRODUCT DATASHEET

Backwash and Chemically Enhanced Backwash (CEB) Testing System





DETAIL – CLOSE-UP

OVERVIEW

The Tech Inc. Backwash and Chemically Enhanced Backwash (CEB) Testing System is a membrane maintenance and fouling control platform engineered for membrane research, water treatment, and industrial applications. The Backwash and CEB Testing System is designed for MF/UF membrane maintenance research.

APPLICATIONS

MF/UF membrane backwash protocol optimisation; chemically enhanced backwash research and development; drinking water treatment membrane maintenance; wastewater treatment membrane fouling control.

KEY ADVANTAGES

- Automated backwash sequencing with programmable duration, frequency, and pressure
- Chemically enhanced backwash (CEB) with chemical dosing control for NaOCl, citric acid, NaOH, and other cleaning agents
- Transmembrane pressure (TMP) monitoring before and after backwash cycles
- Flux recovery tracking with pre- and post-backwash measurement
- Digital data acquisition (DAQ) for logging backwash cycles and cleaning efficiency

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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