PRODUCT DATASHEET

RO Membrane Testing System Tabletop with DAQ System



OVERVIEW

The Tech Inc. RO Membrane Testing System Tabletop with DAQ System is a reverse osmosis (RO) membrane testing system engineered for membrane research, water treatment, and industrial applications. The RO Membrane Testing System Tabletop with DAQ System is a compact system designed for convenient reverse osmosis membrane testing with integrated data acquisition.

APPLICATIONS

Reverse osmosis membrane characterisation and performance evaluation; salt rejection and water permeability studies; membrane compaction and long-term stability testing; desalination process research and optimisation.

KEY ADVANTAGES

- Compact tabletop design for laboratory bench operation
- Integrated digital data acquisition (DAQ) system for real-time monitoring of pressure, flow, conductivity, and temperature
- High-pressure capability suitable for RO membrane testing up to 69 bar
- Precision flow control with adjustable crossflow velocity
- Stainless steel construction for chemical compatibility and durability

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

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.