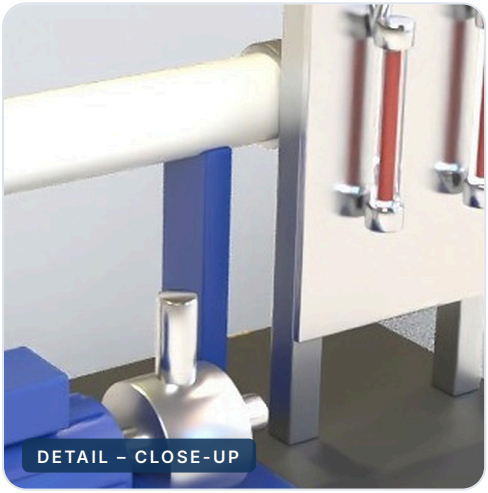
PRODUCT DATASHEET

Compact RO Lab Test Skid





OVERVIEW

The Compact RO Lab Test Skid is designed for precise laboratory-scale reverse osmosis testing and membrane evaluation. It enables researchers to evaluate RO membrane performance under controlled conditions, assess water quality impacts, and develop process optimisation strategies with minimal footprint and operational complexity.

APPLICATIONS

Membrane performance evaluation in academic and research laboratories; feasibility studies for small-scale RO applications; water quality assessment and pretreatment optimisation; training and demonstration of RO technology.

KEY ADVANTAGES

- **Compact Tabletop Design** – Minimal space requirements for laboratory installations
- **Flexible Feedwater Options** – Supports tap water, brackish water, and seawater testing
- **Precision Pressure Control** – Accurate pump and backpressure management for consistent performance
- **Real-Time Monitoring** – Pressure gauges, flow meters, and conductivity meters for data collection
- **Easy Operation** – Manual control with straightforward start-up and shutdown procedures

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