PRODUCT DATASHEET

Test Cell Temperature Control Enclosure

Steady temperature for test cells





DETAIL – HEATED ENCLOSURE WITH GLASS DOOR

OVERVIEW

The Tech Inc. Test Cell Temperature Control Enclosure holds a membrane test cell, its feed coil and fittings at a steady temperature, so flux and rejection are measured under controlled conditions. It has an insulated body, a glass door to watch the cell, and a PID controller.

MODELS AND CONFIGURATIONS

- **Bench enclosure** – one test cell.
- **Large enclosure** – two cells or a hollow-fibre module.
- **Heating and cooling** – chiller connection for sub-ambient work.

TYPICAL DESIGN DATA

Temperature	Ambient + 5 to 90 °C
Stability	About ±0.5 °C
Inside size	To suit cell and fittings

APPLICATIONS

Membrane distillation, high-temperature NF and RO, pervaporation, gas separation and solvent-resistant membrane tests.

KEY ADVANTAGES

- **Repeatable data** – steady temperature for every run
- **Visible** – glass door to watch the cell
- **Safe** – over-temperature protection

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

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