PRODUCT DATASHEET

Humidity and Temperature Chamber

Control humidity, control the membrane





DETAIL – CHAMBER WITH GLASS DOOR

OVERVIEW

The Tech Inc. Humidity and Temperature Chamber holds temperature and relative humidity at set values for membrane casting, electrospinning, conditioning and ageing. Humidity has a strong effect on phase inversion and fibre formation, so controlling it makes results repeatable.

MODELS AND CONFIGURATIONS

- **Bench chamber** – small samples.
- **Floor-standing chamber** – casting machines inside.
- **Walk-in room** – larger lines on request.

TYPICAL DESIGN DATA

Temperature	10 to 80 °C
Humidity	20 to 95 % RH
Control	Programmable profiles
Volume	About 100 to 1000 L

APPLICATIONS

Vapour-induced phase separation, electrospinning, membrane conditioning, stability and ageing tests.

KEY ADVANTAGES

- **Repeatable casting** – set humidity for every run
- **Flexible** – casting, spinning and ageing
- **Visible** – glass door

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

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