PRODUCT DATASHEET

Spiral-Wound Element QC Test Bench (2540 to 8040)

Element-by-element QC for membrane makers





DETAIL – 2540, 4040 AND 8040 VESSELS

OVERVIEW

The Tech Inc. Spiral-Wound Element QC Test Bench (2540 to 8040) tests finished spiral-wound elements before they ship. Elements are loaded into vessels for 2540, 4040 and 8040 sizes, run at standard test conditions, and their permeate flow and salt rejection recorded against the specification. A vacuum decay station checks for leaks before wet testing.

MODELS AND CONFIGURATIONS

- **RO elements** – up to 41 bar; 69 bar for seawater elements.
- **NF elements** – lower pressure tests.
- **Single size** – one vessel only.

TYPICAL DESIGN DATA

Element sizes	2540, 4040 and 8040
Pressure	Up to 41 bar; 69 bar option
Report	Per element with serial number

APPLICATIONS

RO and NF element production, element incoming inspection, and refurbishment QC.

KEY ADVANTAGES

- **100% testing** – every element recorded
- **Three sizes** – one bench
- **Leak check** – vacuum decay before wet test

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

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