PRODUCT DATASHEET

Lab Hollow Fibre UF Modules

Small modules for concentration and testing





DETAIL – LAB MODULES

OVERVIEW

The Tech Inc. Lab Hollow Fibre UF Modules are small hollow-fibre ultrafiltration and microfiltration modules for concentration, buffer exchange and membrane testing in the laboratory. They connect to peristaltic pumps or TFF systems and scale to larger modules with the same fibre.

MODELS AND CONFIGURATIONS

- **Mini modules** – a few ml.
- **Lab modules** – up to a few litres.
- **Pilot modules** – larger area, same fibre.

TYPICAL DESIGN DATA

Cut-off	10 kDa to 0.2 µm
Area	About 20 cm² to 0.5 m²
Fibre	PES or PVDF
Connections	Hose barb or sanitary

APPLICATIONS

Protein and virus concentration, buffer exchange, water sample concentration, cell harvesting and teaching.

KEY ADVANTAGES

- **Gentle** – low shear for biologics
- **Scalable** – same fibre at every size
- **Simple** – runs on a peristaltic pump

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.