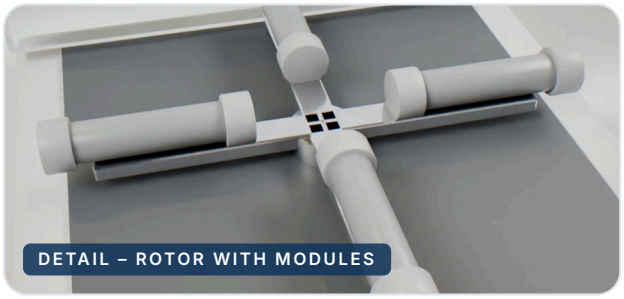
PRODUCT DATASHEET

Hollow Fibre Module Potting Centrifuge

Void-free potting of fibre bundles





DETAIL – ROTOR WITH MODULES

OVERVIEW

The Tech Inc. Hollow Fibre Module Potting Centrifuge pots both ends of hollow-fibre modules at once by spinning them while the resin cures. Centrifugal force drives the resin evenly between the fibres, giving dense, void-free tube sheets, and the heated chamber controls the cure.

MODELS AND CONFIGURATIONS

- **Bench centrifuge** – modules up to about 30 cm.
- **Pilot centrifuge** – modules up to about 70 cm.
- **Production centrifuge** – modules up to about 2 m.

TYPICAL DESIGN DATA

Module length	Up to 0.3, 0.7 or 2 m by model
Speed	Variable, up to several hundred rpm
Chamber	Ambient to 60 °C
Resins	Polyurethane and epoxy

APPLICATIONS

Hollow-fibre UF, MF, gas separation and dialyser module manufacturing, from lab prototypes to pilot production.

KEY ADVANTAGES

- **Even tube sheets** – resin forced between every fibre
- **Both ends at once** – halves the potting time
- **Repeatable** – recipes for speed and temperature
- **Safe** – interlocks and imbalance detection

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

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