PRODUCT DATASHEET

Spin Coater

Uniform thin films in seconds





DETAIL – SPIN BOWL AND CHUCK

OVERVIEW

The Tech Inc. Spin Coater spreads a liquid evenly across a substrate by spinning it at controlled speed, giving thin, uniform films. Multi-step recipes set acceleration, speed and time, and a vacuum chuck holds wafers, glass and membrane supports.

MODELS AND CONFIGURATIONS

- **Standard spin coater** – up to 100 mm substrates.
- **Large-bowl spin coater** – up to 150 mm.
- **With hot plate** – coat and bake.

TYPICAL DESIGN DATA

Speed	100 to 8000 rpm
Steps	Up to 10 per recipe
Substrate	Up to 100 or 150 mm
Chuck	Vacuum

APPLICATIONS

Thin-film membranes, selective layers, photoresists, solar cells, sensors and coatings research.

KEY ADVANTAGES

- **Uniform films** – controlled speed and acceleration
- **Repeatable** – stored recipes
- **Safe** – lid interlock

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

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