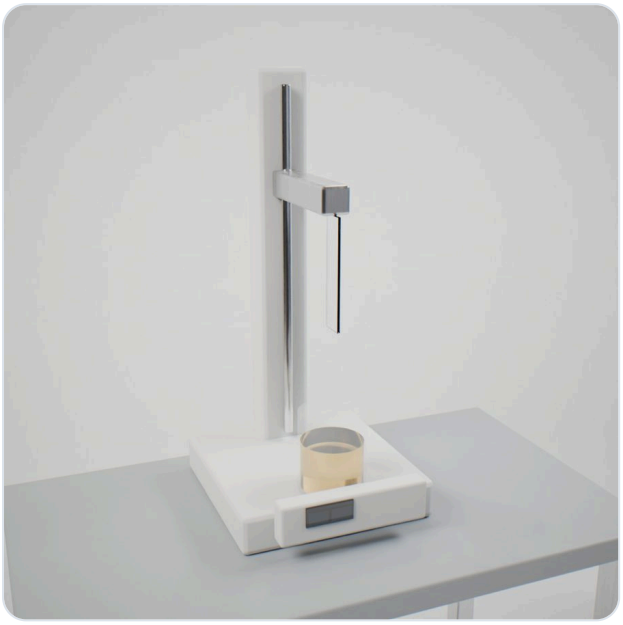
PRODUCT DATASHEET

# Dip Coater

Controlled withdrawal, even coatings





DETAIL – WITHDRAWAL ARM

## OVERVIEW

The Tech Inc. Dip Coater coats substrates and membrane supports by dipping them into a solution and withdrawing them at a precise, programmed speed. Withdrawal speed and dwell time set film thickness, and multiple cycles build thicker layers.

## MODELS AND CONFIGURATIONS

- **Standard dip coater** – flat samples.
- **Tubular dip coater** – tubes and hollow fibres.
- **Enclosed dip coater** – controlled atmosphere.

## TYPICAL DESIGN DATA

| | |
|---|---|
| **Speed** | About 1 to 500 mm/min |
| **Travel** | Up to 200 mm |
| **Cycles** | Programmable |
| **Options** | Heating and enclosure |

## APPLICATIONS

Sol-gel and ceramic membrane layers, polymer coatings, interfacial polymerisation, hollow-fibre and tubular support coating.

## KEY ADVANTAGES

- **Precise thickness** – controlled withdrawal speed
- **Any shape** – flat, tubular and fibre supports
- **Repeatable** – programmed cycles

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

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