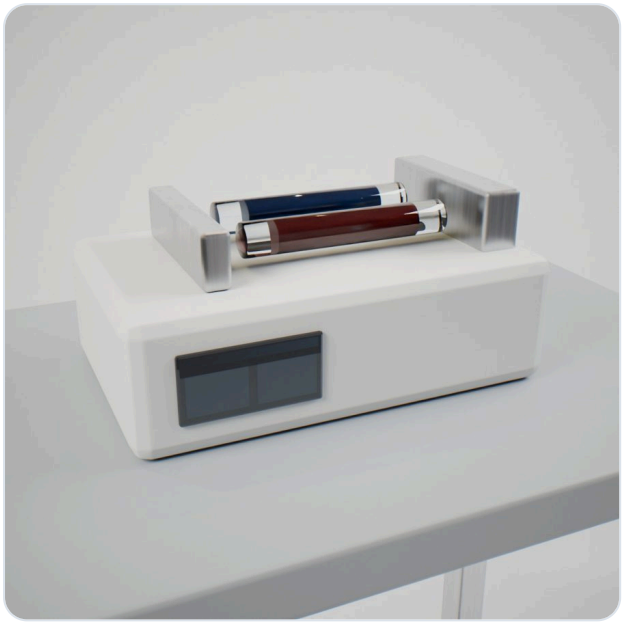
PRODUCT DATASHEET

Precision Syringe Pump

Smooth, accurate flow from µl to ml





DETAIL – DUAL SYRINGE DRIVE

OVERVIEW

The Tech Inc. Precision Syringe Pump delivers smooth, accurate flows from syringes for electrospinning, microfluidics, dosing and sampling. A stepper drive with fine resolution gives steady flow at very low rates, and recipes set rates, volumes and sequences.

MODELS AND CONFIGURATIONS

- **Single channel** – one syringe.
- **Dual channel** – two syringes, independent or synchronised.
- **High-pressure model** – stainless syringes.

TYPICAL DESIGN DATA

Flow	About 1 µl/h to 100 ml/min, syringe dependent
Syringes	10 µl to 60 ml
Accuracy	About ±0.5 %
Interface	RS-232 / USB

APPLICATIONS

Electrospinning and electrospray, microfluidics, chemical dosing, and membrane and catalyst research.

KEY ADVANTAGES

- **Steady flow** – fine-resolution drive
- **Flexible** – one or two channels
- **Automatable** – remote control

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

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