PRODUCT DATASHEET

Two-Component Resin Dosing and Mixing Machine

Accurate 2K resin for potting





DETAIL – HEATED RESIN TANKS

OVERVIEW

The Tech Inc. Two-Component Resin Dosing and Mixing Machine meters and mixes two-component polyurethane, epoxy and silicone resins in the exact ratio and delivers them to potting moulds or centrifuges. Heated, stirred tanks keep the resin at working viscosity, and gear pumps hold the ratio steady shot after shot.

MODELS AND CONFIGURATIONS

- **Bench unit** – small shots for laboratories.
- **Production unit** – larger tanks and higher output.
- **With degassing** – vacuum for void-free resin.

TYPICAL DESIGN DATA

Ratio	Adjustable, 100:10 to 100:100
Shot size	About 5 g to 2 kg
Tanks	5 to 30 L, heated
Resins	PU, epoxy, silicone

APPLICATIONS

Hollow-fibre and spiral module potting, filter end-cap bonding and electronics encapsulation.

KEY ADVANTAGES

- **Correct ratio** – gear pumps hold it steady
- **No air** – mixing head and degassing
- **Less waste** – exact shot sizes

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.