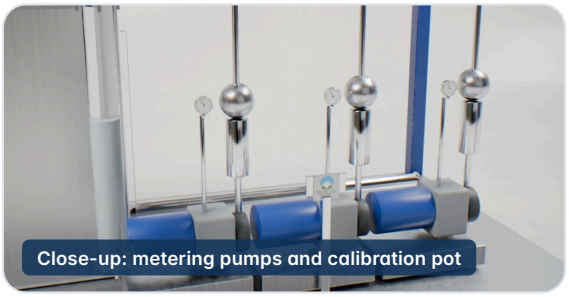
PRODUCT DATASHEET

Refinery Process Chemical Injection Skid

Antifoulant, neutraliser, inhibitor and wash-water injection

Product page





Close-up: metering pumps and calibration pot

OVERVIEW

The Tech Inc. Refinery Process Chemical Injection Skid injects antifoulants, neutralisers, filming amines, corrosion inhibitors and other process chemicals into refinery units at metered rates. Each skid carries the tank, pumps, calibration pot and controls for one or several chemicals, ready for a chemical-service company to place at many sites.

TYPICAL DESIGN DATA

Pumps	Diaphragm or plunger metering pumps to API 675
Pressure	To about 100 bar, higher on request
Wetted materials	316L; duplex or C-276 for aggressive chemicals
Control	Manual stroke, VFD or automatic flow control
Hazardous area	Components for classified areas
Design code	ASME B31.3

MODELS AND CAPACITIES

- **TI-RCI-1** – one pump, about 1 to 100 L/h, to about 100 bar
- **TI-RCI-2** – two pumps (duty and standby)
- **TI-RCI-4** – four pumps, two chemicals
- **TI-RCI-W** – wash-water pumps, about 1 to 20 m³/h

Indicative pump flows and pressures; configured per injection point.

ORDERING CODE

Example **TI-RCI-2-1000-D-V**: **2** number of pumps; **1000** tank volume, litres (0 for tote-fed); **D** wetted material: S 316L, D duplex, C C-276; **V** control: M manual, V variable speed, A automatic flow.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** duty and standby pumps; injection quills and static mixers; automatic flow control; hazardous-area build; remote monitoring.

KEY ADVANTAGES

- **Framework-ready** – standard designs for many sites
- **Accurate dosing** – API 675 pumps with calibration pots
- **Right materials** – duplex or C-276 for aggressive chemicals
- **Complete** – tank, pumps, controls and documentation

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

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