PRODUCT DATASHEET

# One-Pump Multipoint Chemical-Injection Manifold

One pump feeding up to eight injection points through solenoid-metered, flow-verified lines

Product page





Close-up: solenoid outlets and flow meters

## OVERVIEW

The Tech Inc. One-Pump Multipoint Chemical-Injection Manifold replaces a pump per injection point with one pump and a metering manifold. The pump keeps a header at pressure; each outlet has a solenoid valve and flow meter, and the controller opens each valve for the time needed to deliver the set rate, checks the measured flow and alarms if a line is blocked or empty.

## TYPICAL DESIGN DATA

| | |
|---|---|
| **Outlets** | Four or eight |
| **Rate per point** | About 1 to 200 L/day |
| **Pressure** | To about 350 bar |
| **Codes and standards** | Pressure parts to ASME B31.3; electrical to IEC 60079 where classified |
| **Metering** | Solenoid valves with flow verification |
| **Power** | Mains or solar |
| **Communication** | Modbus to SCADA or cellular |

## MODELS AND CAPACITIES

- **TI-MIM-4** – four outlets
- **TI-MIM-8** – eight outlets
- **TI-MIM-8S** – eight outlets, solar power
- **TI-MIM-R** – retrofit to existing pump

Indicative number of outlets.

## ORDERING CODE

Example **TI-MIM-8S**: **8S** type: 4, 8, 8S or R.

## SCOPE OF SUPPLY

**Included:** factory acceptance test with a written report; drawings for approval, material certificates and manual.
**Options:** solar power; chemical tank; cellular modem; calibration column.

## KEY ADVANTAGES

- **One pump** – up to eight points
- **Remote** – SCADA or cellular
- **Verified** – flow measured at each outlet
- **Solar option** – for remote pads

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