

Liquid Injection Systems



Complementing our line of oxidation equipment are H2O Engineering's liquid injection systems for both groundwater and vadose zone remediation.

One of its most notable features, H2O's "LINJ" unit turns what typically has been a manual injection event into one that is automated and continuous. The liquid substrates, once injected, desorb a range of heavy contaminants and chlorinated solvents (i.e. TCE, PCE) through either chemical oxidation, bioremediation or chemical reduction, giving our customers optimal remediation options.

As always, H2O Engineering's team of experienced professionals is ready to assist in your site characterizations to determine the best solution for your groundwater or soil remediation project.



LINJ10-10

Standard Features

- Electronic chemical metering LMI pump with adjustable stroke frequency and stroke length
- Variable flow rate (0.1-10 GPH)
- Maximum operating pressure of 50 PSI
- Field Programmable Controller with Human Machine Interface (HMI)
- Independent time duration control for each injection port (1 to 99 minutes)
- Programmable cycle lag time between injection cycles
- Individual and total injection port cycle time accumulator (password protected)
- 10, 20, 30 or 40 port manifold with solenoid valves available
- Outlet injection port fittings are 1/2" Kynar® compression 90°
- Built-in high limit pressure transmitter and pressure relief valve on manifold
- 120 VAC/60 Hz, 10 Single Phase (20 amp breaker required)
- 25' electrical cord with plug
- UL Listed
- Internal leak detection sensor
- Low-level drum switch included
- Operation and maintenance manual included

Available Options

- Auto-dialer ready
- Remote monitoring package