

Terra Systems Rental Equipment

Terra Systems, Inc. has an inventory of equipment that is available for environmental consultants to rent for injecting carbon substrates like Terra Systems patented family of SRS[®] emulsified vegetable oil substrates and our QRS[™] sodium lactate substrates into permanent or temporary injection wells (*Email Michael Free at mfree@terrasystems.net for a detailed PDF description of a Injection Feedback Loop*). Terra Systems also rents equipment for the addition of oxygen into permanent or temporary injection wells for aerobic bioremediation. They include:

Item	Description
Dosatron [®] Non-Electric Chemical Injectors	The volumetric proportioning principle allows the PM to inject SRS [®] substrate with repeatable results, regardless of changes in water pressure or flow since water power is used instead of electricity.
Injection Hose	1" diameter with hose lengths, which range from 10 ft. to 50 ft.
Injection well connections	Cam and groove fittings that will connect the 1-inch diameter hose to the well head. Well head sizes range from 1-inch to 4-inches.
Electric pump [®]	Utilized for pumping diluted SRS [®] substrate into a series of injection wells.
Cam and groove connections	One-inch with a capacity of 20 gpm.
Flow Meters	One-inch totalizing flow meters with cam and groove connections. Assembly includes a pressure gauge and flow control valve.
Oxygen Generator	Oxygen generation for aerobic bioremediation systems. 120 V power is required.

Dosatron Non-Electric Chemical Injectors[®]

Dosatron[®] chemical injectors work using a volumetric proportioning principle which allows them to inject SRS[®] substrate with repeatable results, regardless of changes in water pressure or flow. And since they use water power instead of electricity to operate, they'll help you save on energy costs and "green" your injection project at the same time!



Injection Hose – 1" diameter Hose lengths range from 10 ft. to 50 ft.



Terra Systems Rental Equipment

Injection well connections Cam and groove fittings that will connect the 1-inch diameter hose to the well head. Well head sizes range from 1-inch to 4-inches.



One-inch Cam and Groove Connections Cam and groove fittings that will connect the 1-inch diameter hose to the well head and has a capacity of 20 gpm.



Electric pump[®] Utilized for pumping diluted SRS[®] substrate into a series of injection wells.



Flow Meters: One-inch totalizing flow meters with cam and groove connections. Assembly includes a pressure gauge and flow control valve.



Terra Systems Rental Equipment

Injection Feedback Loop



Oxygen Generator[®] Installed in Trailer with Generator



Oxygen Generator[®]: Oxygen generation for aerobic bioremediation systems. Oxygen generator uses the Pressure Swing Adsorption (PSA) process. It is the engine that drives the separation of oxygen from air. It is a purely physical process; there are no chemical, electrical, or other reactions in the process. 120 V power is required.

Proprietary Sparger for Oxygen Generator[®]



Call Terra Systems at 302-798-9553 or email Michael Free at mfree@terrasystems.net for availability and weekly and monthly rental rates.