

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 $SRS^{\mathbb{R}}$ emulsified vegetable oil substrates and our $QRS^{\mathbb{T}^{M}}$ 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
	The volumetric proportioning
Dosatron [®]	principle allows the PM to inject
Non-Electric	SRS® substrate with repeatable
Chemical	results, regardless of changes in water
Injectors	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.
	Cam and groove fittings that will
Injection well	connect the 1-inch diameter hose to
connections	the well head. Well head sizes range
	from 1-inch to 4-inches.
	Utilized for pumping diluted SRS®
Electric pump®	substrate into a series of injection
	wells.
Cam and	
groove	One-inch with a capacity of 20 gpm.
connections	
Flow Meters	One-inch totalizing flow meters with
	cam and groove connections.
	Assembly includes a pressure gauge
	and flow control valve.
	Oxygen generation for aerobic
Oxygen	bioremediation systems. 120 V power
Generator	•
	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!



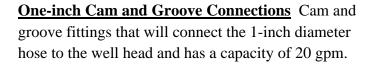
<u>Injection Hose – 1" diameter</u> Hose lengths range from 10 ft. to 50 ft.





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<u>Injection well connections</u> 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.





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



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









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Injection Feedback Loop



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.



Oxygen Generator® Installed in Trailer with Generator



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.