

Hydrocarbon Recovery Systems

ORS Small Diameter Probe Scavenger™

The ORS Small Diameter Probe Scavenger™ is used to recover a wide range of floating hydrocarbons from groundwater. It is designed to operate either alone or in conjunction with a water table depression pump in wells as small as 4" in diameter. It can recover a floating product layer down to a 2" thickness. Stainless steel and other corrosion resistant components allow efficient usage in a variety of subsurface conditions.

FEATURES

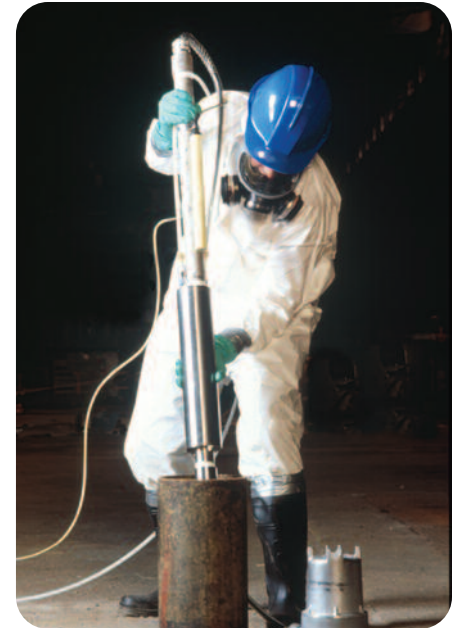
- For applications in 4 inch and larger diameter wells
- Efficient product recovery to depths of 100 feet
- Lighter-than-water (LNAPL) product recovery
- Can be used as a stand-alone system or in conjunction with a water table depression pump
- Reliable around-the-clock operation in automatic mode
- Sensor technology provides water-free product recovery

OPERATION

Recovered contaminants are automatically pumped from the well into a recovery tank at a rate of up to 720 gallons per day. When the recovery tank becomes full, a tankful sensor shuts down the pump to prevent overflow.

The ORS Small Diameter Probe Scavenger™ is made up of a self priming submersible pump and a sensor that discriminates between hydrocarbons and water. The system may be used alone or in conjunction with the water table depression pump.

Thousands of ORS Small Diameter Probe Scavengers have been put to work recovering product worldwide.



CALL GEOTECH TODAY (800) 833-7958

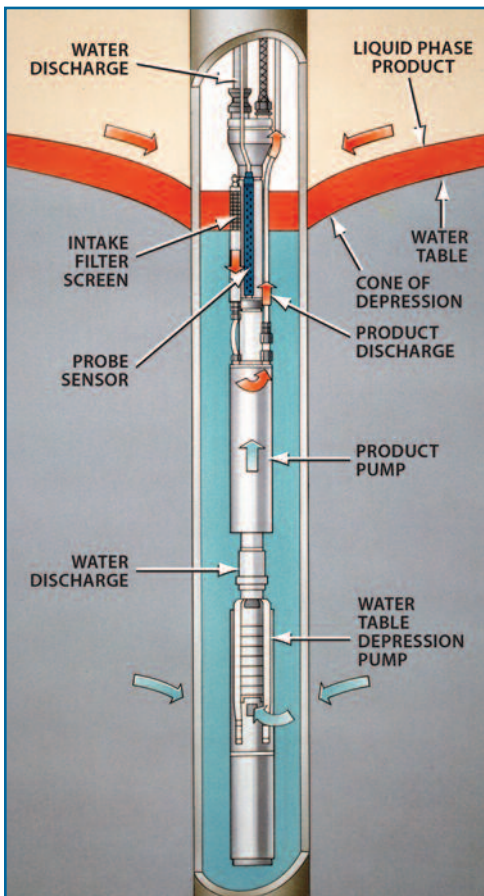
Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

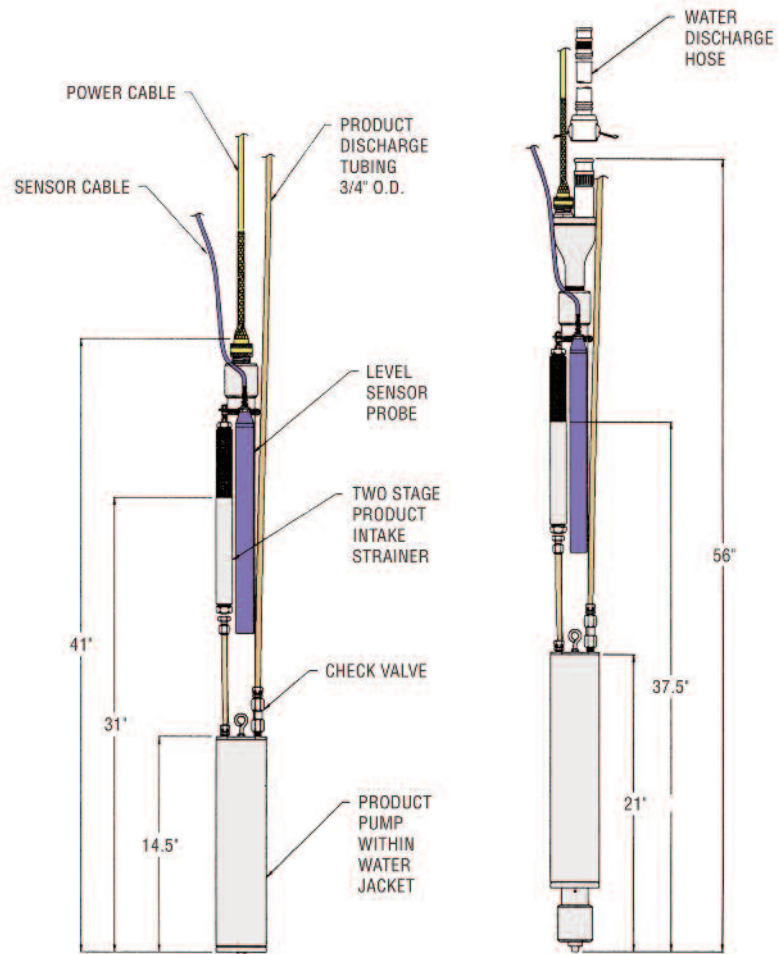
(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com

ORS Small Diameter Probe Scavenger™



Detailed view of ORS Small Diameter Probe Scavenger™ with Water Table Depression Pump submerged in a well



Product only configuration

WTDP ready configuration

SPECIFICATIONS

- Applications** 4" (10.16cm) or larger recovery wells
- Max. Operating Depth** 100 feet (46.1m)
- Dimensions** 3.5" D x 41" L (9cm D x 142.24cm)
- Oil/Water Separation** Density sensor distinguishes hydrocarbons from water
- Recovery Rate** Up to .5 gpm (1.9 lpm)
- Power Requirements** 115/230 VAC 50/60 Hz
- Weight** 50 lbs. (22.7 Kg)
- Options** Lifting wench, cable, Geotech ECM NEMA 4X controls, in-line water pump, Tankfull Shut-Off

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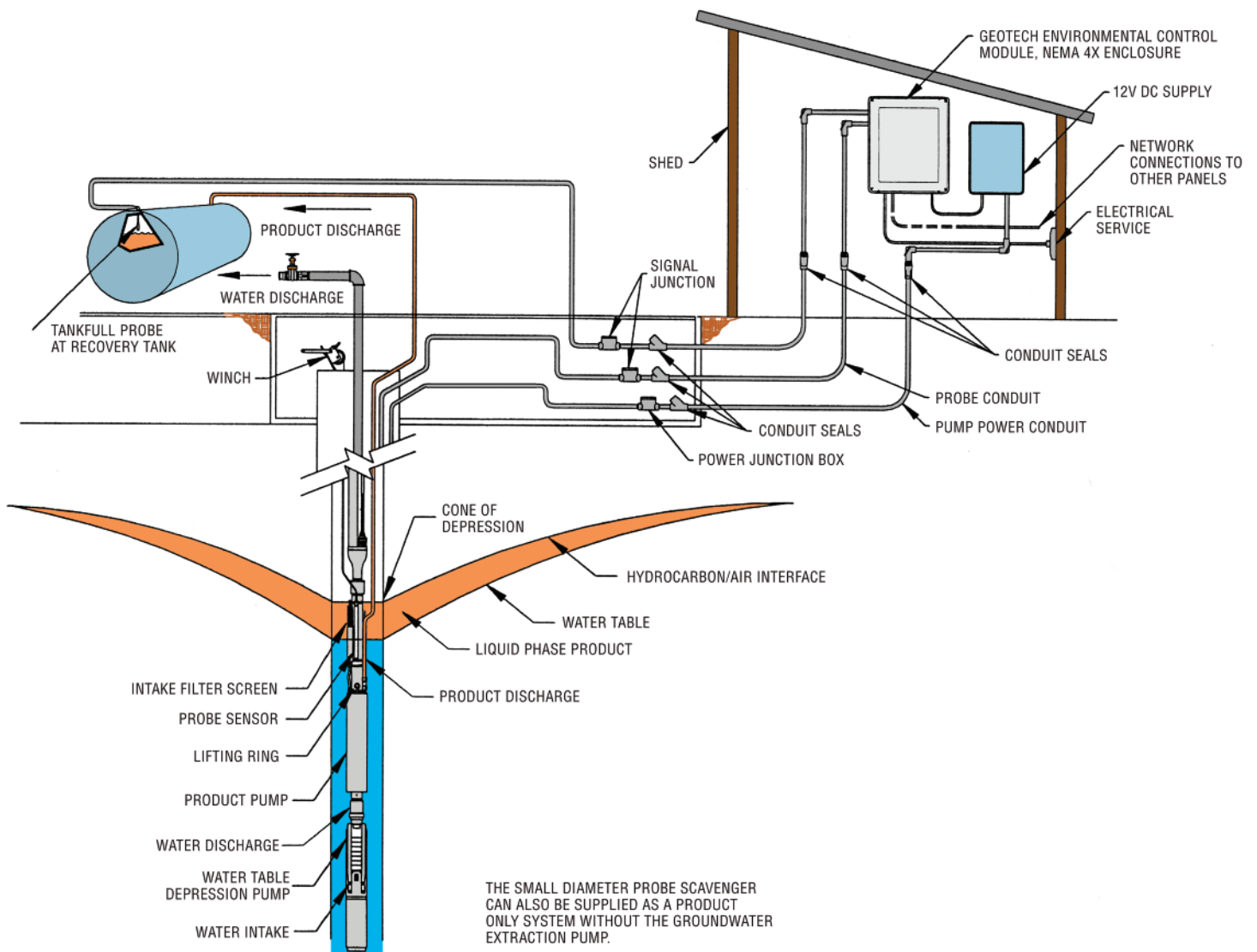
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ORS Small Diameter Probe Scavenger™



Typical installation of an ORS Small Diameter Probe Scavenger™ with water table depression pump system.

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