

Very Green!

# Xitech's Heavy Oil Recovery System

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The **REM3000ES** is perfect for single well applications that have very viscous fluids like #6 fuel oil or coal tar in a 4" or greater well. The **REM3000ES** is solar-powered, and its compact quiet design

makes it easy to operate in any backyard.

This system saves time and money by not having to acquire an air compressor at Grainger, buy a building at Home Depot, and get a building permit from the City. The **REM3000ES** on-board air compressor powers a **Xitech Skimmer** or **DNAPL Pump** up to 100 feet deep. The **REM3000ES** includes a programmable controller, no-maintenance air dryer, high-level tank shutoff, 75-watt finger heater assembly, and 35 feet of heater cable.



This system operates very differently from all of our other controllers because it has limited power. It operates the heat source and skimmer intermittently. To recover very heavy oil, the system first heats up the product in the well using a 75-watt finger heater to about 80°F, which takes about 30 minutes, then the skimmer removes the

warmed-up heavy oil for about 10-15 minutes. We have found the best recovery times are at 10am, 12 noon, 2pm, and 4pm.



#### Controls:

- Programmable intermittent control with 24 start times
- 99 minutes of heating time per start time
- 99 minutes of pumping time per start time
- Tank overfill protection
- 30 days delay for each interval
- Visual indicator displays tank full, running, and pumping
- Displays pumping time in hours and minutes
- Battery-backed program memory

#### On-board air compressor:

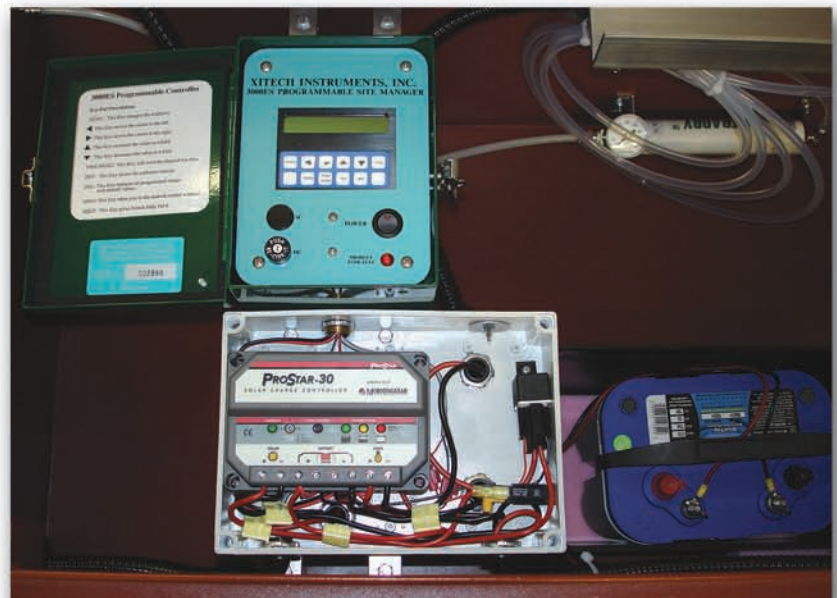
- Pumping time limit: 2 hours per day
- Membrane air dryer: Dries down to -32°
- Maximum operating depth: 100 feet

#### Solar Power System:

- One 80-watt solar panel mounted to top of **JOBBOX**®
- One 120-watt solar panel mounted to ground mount
- Solar computer manager provides battery protection
- Two Optima batteries

#### General Specifications:

- Enclosure Size: 26 in high x 24 in deep x 60 in wide
- Weatherproof, lockable **JOBBOX**®
- Weight: 275 pounds
- Operation manual



toll free **888-867-9483**

[www.xitechinc.com](http://www.xitechinc.com)