

# Micro-ELECTRIC XE Rentals

**SOIL-THERM** now offers rental systems that are the most energy efficient electric catalytic oxidizers we've ever built. The Micro-ELECTRIC XE systems include Nema 4 Control Box with PLC, Color Touchscreen, catalyst module, 60% heat exchanger, stainless steel water knockout and piping, UL508 listed control panel, very small 4-ft x 4-ft skid size, ReMAC, Remote Monitoring and Control technology, and a very quiet design.

With our ReMAC technology, the Micro-ELECTRIC XE systems can be operated remotely using your iPhone, iPad, or computer. Control water knockout pump, reset and restart, change blower speed or dilution air, or simply monitor and extract data for quarterly monitoring reports. The Operation and Maintenance benefits and savings are amazing!



Exciting  
Low Cost Rental Systems !

## EQUIPMENT FEATURES

**Micro-ELECTRIC XE** Remediation Systems are complete SVE thermal systems ready to operate in the smallest spaces. Easy to transport, install, and inexpensive to operate, **Micro-ELECTRIC's** energy efficient heater and heat exchanger provides destruction of VOC's at low hourly costs. The best value on the market!

**Flow Range:** 50 to 200 scfm, vacuums to 14" Hg

**Super Small:** Only 4-ft x 4-ft skid, ~1600 #.

**SVE Blower:** The **Micro-ELECTRIC XE** SVE Blower includes a pd blower rated and 5 - 7.5 hp motor for 200 cfm and vacuums to 14" Hg. A Variable Frequency Drive is included for precision speed control.

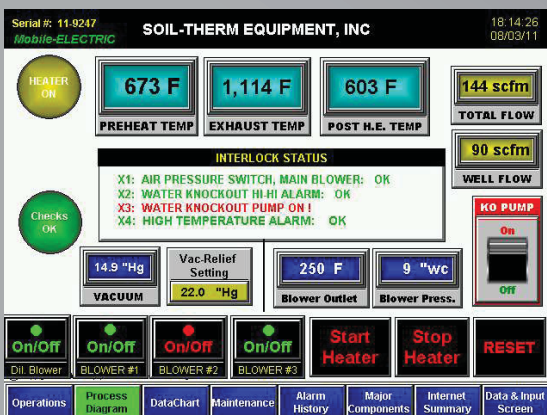
**Heater:** Inconel element 18kW heater installed for 1 or 3-phase 230VAC power operation.

**Catalyst:** Platinum metal group catalyst and burner flame involvement reduces operating costs and achieves D.E. to >98 %.

**Heat Exchanger:** Energy efficient ~60% heat exchanger preheats VOC's for direct flame destruction in the Jet-THERM burner. Lowest fuel bills ever!

**Water KO:** Steel 25-gallon water capacity with high level switch alarm shutoff, and automatic pump dilution air valves.

**Remote Monitoring:** Our latest Internet monitoring and control your system anywhere! Use your iPhone, iPad, or laptop.



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# Micro-ELECTRIC XE Rentals

These systems are the latest technology **Micro-ELECTRIC XE** SVE systems - - built complete with catalytic oxidizer and heat exchanger for up to 25% LEL operation.

The SOIL-THERM **Micro-ELECTRIC XE** systems include catalyst and heat exchanger to destroy VOC's from 0 - 4000 ppmv.

## Equipment Specifications

VOC Processing:	to 3,500 ppmv
Destruction Efficiency:	>98+%
VOC's /hour (max):	35 #/hour
Size:	4-ft x 4-ft x 13-ft (H)
Weight:	~1400 lbs
Well Vapor Hookup:	3"
Electric Heater:	18 kW, 1 or 3-phase
Electrical:	230VAC, 3-ph, 100A, 60Hz 230VAC, 1-ph, 150A, 60 Hz
Stack Height:	13-ft
Approvals:	UL 508A Certified Panel SCAQMD Certified Permit



Micro-THERM XE  
with H.E.

## SOIL-THERM Rentals Offer Standard Options that Nobody else does:

- Variable Frequency Drive (main blower)
- Touchscreen with 4GB data memory
- Super small: 4-ft x 4-ft skid
- REMOTE MONITORING and CONTROL
- Heat Exchanger (standard equipment)
- Stainless steel construction
- Powerful, Quiet PD SVE Blower



Specification may change slightly. Natural gas rate is \$0.50 per therm, GAC rate of VOC retention 15%, price of \$1/lb replacement cost.

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