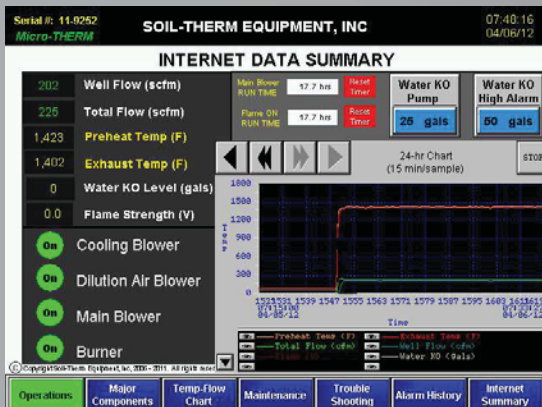


# Micro-THERM XE SVE Rentals

SOIL-THERM now offers rental systems that are the most energy efficient gas-fired remediation systems we've ever built! Our Micro-THERM XE catalytic oxidizer systems with 60% shell and tube heat exchanger are proving to be extremely energy efficient with today's very low natural gas prices and our latest Jet-THERM burner technology. SOIL-THERM has enhanced these very small systems with our patented combustion process in order to operate at less than 30,000 btu's per hour. That's less gas than your backyard BBQ! Stainless steel water knockout and piping, UL508 listed control panel, very small 4-ft x 4-ft skid size, ReMAC monitoring, and a very quiet designed blower package allows you to operate these systems almost anywhere.



Exciting  
Breakthrough Technology!



## EQUIPMENT FEATURES

**Micro-THERM** Remediation Systems are complete SVE thermal systems ready for cleanup operations in the smallest spaces. Easy to transport, install, and inexpensive to operate, **Micro-THERM's** low NOx and fuel technology provides permanent extraction and destruction of VOC's. 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-THERM** SVE Blower includes a pd blower rated and 5 hp motor for 200 cfm and vacuums to 14" Hg. A Variable Frequency Drive is included for precision speed control.

**Burner:** All stainless steel **Jet-THERM** burner, max 150,000 btuh, with a very high turndown ratio.

**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.

## OPTIONS

- Additional Analog Sensors
- LEL & Oxygen Sensors
- Open or Enclosed Trailer
- Enclosure
- Additional Analog Monitoring Points



5310 Derry Ave, Unit C  
Agoura Hills, CA 91301-4509  
(818) 706-9875 FAX (818) 706-2145

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

# Micro-THERM XE Gas Fired Rentals

These systems are the latest technology **Micro-THERM XE** gas fired SVE systems - - built complete with catalytic oxidizer and heat exchanger for up to 25% LEL operation. By designing our Jet-THERM burner to operate with a 'flame-out resistant' injection process, operators are able to operate these systems at low Oxygen and high CO<sub>2</sub> vapors often encountered during SVE operations. We're also including our ReMAC internet services to operate your system anytime!

The SOIL-THERM **Micro-THERM XE** oxidizer is a complete gas-fired oxidizer system designed to be the most energy efficient we've ever seen! The system includes Jet-THERM burner, catalyst and heat exchanger to destroy VOC's from 0 - 4000 ppmv. At concentrations above 10% LEL (1400 ppmv) at 150 cfm, the Micro-THERM XE has been shown to operate on natural gas as low as \$0.10/hour! That's only \$72 per month! If you're using GAC, take a look at the Comparison Chart below shows \$30,000 annual savings almost makes your rental FREE! These systems are only available as 3 month or longer rentals!

## Equipment Specifications

VOC Processing:	to 4,000 ppmv
Destruction Efficiency:	>98+%
VOC's /hour (max):	35 #/hour
Size:	4-ft x 4-ft x 13-ft (H)
Weight:	~11400 lbs
Well Vapor Hookup:	3"
Electrical:	230VAC, 3-ph, 60A, 60Hz (single phase also available)
Natural Gas:	3/4", 200 cfh @ 2-5 psig
Propane (vapor):	3/4", 100 cfh @ 2-5 psig
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 size
- REMOTE MONITORING & CONTROL
- Heat Exchanger (standard equipment)
- Stainless steel construction
- Powerful & Quiet PD SVE Blower



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

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**SOIL-THERM  
EQUIPMENT, INC.**

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