

Micro-ELECTRIC Trailer Systems



Touchscreen Controls & Datalogging⁽¹⁾

The ultimate in convenience for our customers! Mounted inside a 7'x14' enclosed trailer, our Micro-ELECTRIC is integrated with an Oil Water Separator and Air Stripper for VOC vapor destruction and groundwater treatment.

System features:

- o 7'x 14' Enclosed Trailer
- o Micro-ELECTRIC Catox System
 - o 300 cfm SVE Blower, to 14" Hg
 - Water Knockout w/pump
 - VFD with speed controls
- o 15 gpm SS Oil Water Separator
- o 15 gpm Air Stripper w/150 cfm blower
- o Automatic water transfer pumps
- o Quiet operation (65-70 dBA @ 6-ft)

The Micro-ELECTRIC trailer system can include a number of additional options for your site applications:

- o LEL Monitoring
- o Oxygen Monitoring
- o Remote Telemetry Monitor
- o Various SVE Blowers
- o Multiple Port Inlets
- o Pressure Side Dilution Air Blower

Energy Efficient Heat Exchanger. Energy efficiency is one of the most important aspects to operating equipment today. SOIL-THERM includes a custom energy efficient shell & tube heat exchanger with each Micro-ELECTRIC system, having a 60-65% effectiveness. As vapor concentrations rise, electrical consumption drops for the electric heater.

Touchscreen Controls. Each system includes a multi-layer 8" high resolution color touchscreen for monitoring and controlling system operation. The PLC controls on these systems are simple, reliable, and provide real-time data for the operator.

Small System Size: With this much processing power, operators can easily move these systems into operation quickly and fit into a single parking space. Processing capacity of these systems are 15 gpm groundwater, 300 scfm VOC's (to 300#/day)

Lower Operating Costs than Carbon. Our customers have told us that when VOC's are higher than 150 ppmv, the Micro-ELECTRIC systems are cheaper to operate by far!



Since 1990



**SOIL-THERM
EQUIPMENT, INC.**

(818) 706-9875

(1) Actual display varies by options selected