



Mobile Leak Survey

Southern Cross' Truck or ATV Mount Mobile leak detection kit allows you to use your existing Flame Pack and other compatible devices for faster and more efficient mobile gas leak surveys.

With the kit mounted on either a truck or an ATV, field technicians can conduct D.O.T. compliance surveys outside of main roads, in hard to access locations, on rugged terrain and in pre-construction areas.

The kit is mounted in front of the survey vehicle and can also be adapted to various off-road vehicles with very minor alterations. The flexible arm on the truck can swing out and be used when the main is located off the streets - for example, in a ditch. The kit is designed for easy removal of the Flame Pack or other gas leak detector for portable survey and CGI/pinpointing if necessary.

The kits are easy to mount on either a truck or an ATV. The kit contains:


- Drag bar assembly with six drag hoses and a blower pump
- Removable case for Flame Pack
- Alarm amplifiers
- All other necessary mounting hardware for complete setup
- Complete instructions for mounting





Tools Technology Training

Flame Pack Specifications

Ignition Type:	Piezoelectric spark	
Initial Start-Up Tie:	5 to 15 minutes	
Sample Intake Flow Rate:	220-240 cc/min	
Response Time:	2-3 seconds	
Operating Noise:	None	
Hydrocarbon (Methane) Sensitivity:	Less than 0.5 ppm	
Fuel Type:	Mix of 40% Hydrogen and 60% Nitrogen Gas	
Fuel Capacity:	300 cc at 1800 psi	
Fuel Consumption Rate:	225 psi/ hr +/- 20%	
Endurance with Full Fuel:	Approximately 8 hours	
Battery Type:	9 volt alkaline; 2 each	
Battery Life:	Approximately 3-4 days continuous, 1-2 weeks with typical usage	
Instrument Weight:	5 lbs.	
Carry Case:	Fiberglass reinforced nylon case 22"L x 17"W x 9"H	
Shipping Weight:	18 lbs.	
Alarms:	Alarm amplifier included with visual alarm; No false alarms	
Hydrocarbon Readout Meter:	0-100 uA	
Alarm Preset:	40-50% full scale	