



Mobile Leak Survey

Southern Cross' Truck or ATV Mount Mobile leak detection kit allows you to use your existing Flame Pack or Hawk natural gas leak detectors or other compatible devices for faster and 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 Hawk 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 Hawk or Flame Pack
- Alarm amplifiers
- All other necessary mounting hardware for complete setup
- Complete instructions for mounting



'46 Hawk



Specifications

Operating Temperature:	-10° F to +120° F
Instrument Weight:	3 lbs. (1.36 kg.)
Measuring Technique:	Absorption spectroscopy using low intensity laser calibrated to methane only.
Sensor Range:	1-500 ppm, 1% - 100% LEL 5%-100% gas
Sampling Rate:	1200 cc/min, nominal
Response Time:	1-2 seconds
Meter Readout:	Digital meter (2-1/4" x 5/8") with backlight
Alarms:	Alarm amplifier include with visual alarm. No false alarms
Battery Type:	Nickel-Metal-Hydride (NiMH) rechargeable battery pack
Battery Charger:	110 VAC, 60 HZ
Daily Operating Life:	Approximatley 12+ hours with full battery charge. Backup disposable lithium batters provide an additional 6+ hours.
Control:	One-button operation
Data-logging:	Stores callibration data permanently
Carrying Case:	Fiberglass reinforced nylon case 22"L x 17"W x 9"H
Warranty:	One year parts and labor (excluding unauthorized modifications)

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 include with visual alarm. No false alarms
Hydrocarbon Readout Meter:	0-100 uA
Alarm Preset:	40-50% full scale