

PRAGMATICS MODEL 634 PROSURVEYOR GAS PIPELINE LEAK DETECTION

KWJ Engineering Inc



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The Pragmatics instruments now being made and sold by KWJ Engineering are the latest versions of a unique product line originally developed by Richard Motsinger of St. Louis. Integrally built as part of a safety lantern, the Prags are rugged, reliable accelerant detection tools well known in the two separate fields of arson investigation and pipeline leak detection.

In pipeline leak detection work, the stability of the dual-sensor principle enables the supersensitive metal oxide detector to give practical indications down to 1 ppm methane, rivaling the sensitivity of the more complex and expensive hydrogen flame ionizations detector often used in this service. The Model 634 Prosurveyor is designed specifically for DOT Class 2 and 3 gas pipeline leak surveys of underground and above ground transmission lines. Supplied complete with an LED meter for tracing rising and falling concentration of gas, from 1 ppm through 10,000 ppm (1% methane), the 634 Prosurveyor is the top choice of pipeline operators throughout the United States and Canada.

SPECIFICATIONS

CASE CONSTRUCTION: Brightstar lantern package, working	RESPONSE TIME: 1 second
DIMENSIONS: 4.5" W x 8" L x 5" H lantern, probe 48" extended	CONTINUOUS OPERATION TIME: 10 working hours
WEIGHT: 5 lbs.	POWER SOURCE: 6v rechargeable lead acid battery
GAS DETECTED: Methane, hydrogen, light hydrocarbons	CONTROLS: Search/Zero, Tone/Off/Silent, Loud/Soft Tone, Lantern On/Off, LED meter off/on, Rate Logic, Super Search
DETECTION PRINCIPLE: Compensating semiconductor type	STANDARD ACCESSORIES: Alkaline battery pack, leadacid rechargeable battery, 2 pc probe, AC and DC charging cords, hard shell case, rubber cup.
DETECTION RANGE: 1 ppm -10,000ppm	OPTIONAL ACCESSORIES: Pelican case, extendable sensor probe for hard to reach locations
SAMPLING METHOD: Diffusion	APPLICATIONS: Natural gas pipeline DOT Class 2 and 3 surveys, municipal gas company pipeline surveys, gas meter leak detector, above and below ground gas detection, gas cylinder leak detection. Power plant Hydrogen leak detection
DISPLAY SPECS: 0-500ppm and 0.1-1% gas	AVAILABLE AS: Product
LED ALARMS: 1% methane Multi Fault Battery Status	SENSOR WARRANTY: 1 year
OPERATING TEMP: 20 F-120F	INSTRUMENT WARRANTY: 1 year
OPERATING HUMIDITY: 10-100% RH	

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