

PRAGMATICS MODEL 555 HYDROGEN 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 separate fields of arson investigation, hydrogen, and pipeline leak detection.

In power plants, the ability of the Model 555 Hydrogen Leak Detector to seek out and find leaks around hydrogen-cooled machines makes them a favorite tool of the maintenance crew, as well as a valuable safety device where serious hydrogen leaks can lead to possible fire or explosion. Complete with 5 year warranty sensor and instrument.

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: Hydrogen	CONTROLS: Search/Zero, Tone/Off/Silent, Loud/Soft Tone, Lantern On/Off, LED meter off/on
DETECTION PRINCIPLE: Compensating semiconductor type	STANDARD ACCESSORIES: Alkaline battery pack, rechargeable leadacid battery, 2 pc probe, AC and DC charging cords, hard shell case, rubber cup, vehicle mount Search sensor assembly.
DETECTION RANGE: 1 ppm –10,000ppm	OPTIONAL ACCESSORIES: Pelican case, extendable sensor probe for hard to reach locations
SAMPLING METHOD: Diffusion	APPLICATIONS: Hydrogen leak detection in power plants and other locations where hydrogen leaks may become a safety concern
DISPLAY SPECS: None, with optional LED meter 1ppm to 1% gas	AVAILABLE AS: Product
ALARMS: 1% gas level, (methane) Multi Fault Battery Status	SENSOR WARRANTY: 5 years
OPERATING TEMP: 20 F-120F	INSTRUMENT WARRANTY: 5 years
OPERATING HUMIDITY: 10-100% RH	

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