EI-5 ETHANE IDENTIFIER

The EI-5 Ethane Identifier is a portable combustible gas analyzer designed to differentiate between gas distributed by a utility and naturally occurring gas often present in the ground or subsurface structures. Ethane is present in significant concentrations in distributed natural gas but not present in naturally occurring gases such as marsh, soil, landfill and sewer gas. This makes ethane an excellent “tracer” in determining the presence of distributed versus naturally occurring gas.

The EI-5 detects and separates the ethane content in a natural gas sample to approximately 16 ppm. Ruggedly constructed for field applications, the EI-5 is relatively unaffected by ambient temperature conditions and will operate approximately 12 hours.

Usually, the detection and analysis of ethane is accomplished in a laboratory by using a gas chromatograph. There are, however, specific occasions when it is impossible or impractical to “trap” a sample and send it to a laboratory. The EI-5 fulfills this requirement with quick, accurate indications, right in the field.

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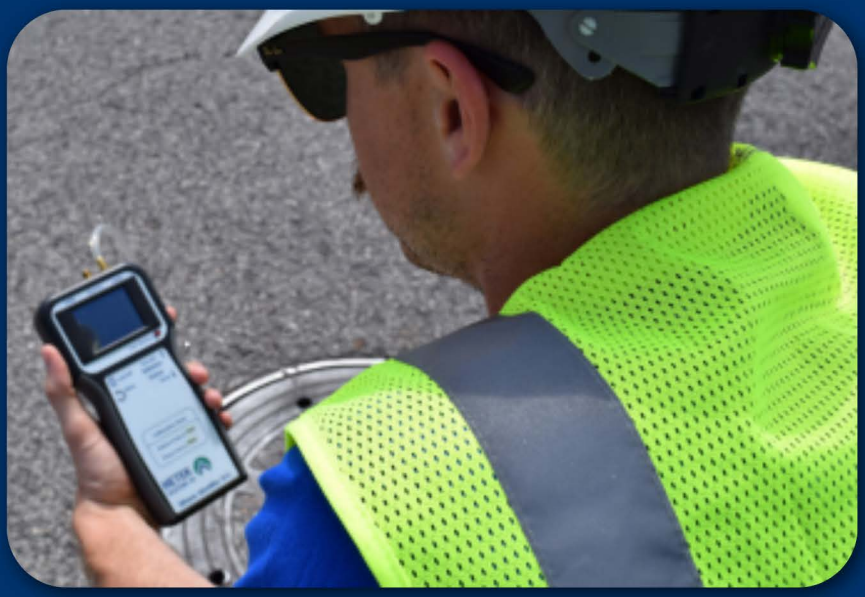
EI-5 ETHANE IDENTIFIER



Ethane is stripped-out at the gas fields or scrubbing centers and diverted to the petrochemical industry. However, residual ethane still remains as the “tracer or benchmark” for the identification of natural gas, but requires a more sensitive instrument for detection.

Hetek has recognized this problem, and consequently, is offering an instrument by combining semiconductor and chromatographic technology in a single package. The EI-5 will detect ethane in a 800 ppm sample of natural gas containing 2% ethane by volume.

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EI-5 ETHANE IDENTIFIER

FEATURES

- DETECTS THE PRESENCE OR ABSENCE OF ETHANE IN LESS THAN 2 MINUTES
- AVOID COSTLY & TIME CONSUMING LABORATORY TESTS WITH THIS EASY TO USE FIELD INSTRUMENT
- GRAPHICAL COLOR DISPLAY
- DATA LOGGING WITH EXPORT CAPABILITIES
- LIGHTWEIGHT, HAND-HELD & SELF-CONTAINED
- BUILT-IN PUMP

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EI-5 ETHANE IDENTIFIER

SPECIFICATIONS

Weight:	1.4 lbs (0.6 kg)
Dimensions,H-W-L:	1.25 x 4.0 x 8.25”
	3 x 10 x 21 cm
Carrying Case, H-W-L:	4.5 x 13.5 x 17.5”
	12 x 34 x 45 cm
Sensitivity:	16 ppm Ethane or will detect Ethane in a 800 ppm sample of natural gas containing 2% Ethane by volume
Power Supply:	4 “AA” alkaline batteries
Operational Time:	12 hours
Output:	Analog graphical display
Sensor:	Semiconductor type
Sample Rate:	One Second
Sample System:	4’ Tygon tubing (1.2M)

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