

NOVA

Dependable Gas Analysis Solutions

339 SERIES PORTABLE METHANE LEAK DETECTOR



APPLICATIONS

For checking for methane, natural gas, or propane gas leaks from pipelines, tanks, or apparatus.

FEATURES

- Rugged design that is easy to operate
- Fast warm up and response
- Long-life infrared detector that provides accurate and stable readings
- Digital meter readout with backlight
- Cannot be 'blinded' by high concentrations
- Rechargeable battery operated
- Built-in sample pump
- Lightweight, compact and easy to use
- Weatherproof (WP) cabinet with clear lexan cover

OPTIONS

- Recorder outputs of 0-1V or 4-20mA
- Suitcase (K) style cabinet available
- Gas alarm with LED
- Detachable/portable datalogger

CALIBRATION

- Ambient air for zero
- 100% methane, propane, or natural gas for span



Weather Proof (WP) Enclosure



Suitcase Style (K) Enclosure

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DESCRIPTION

The Nova 339 Portable Methane Leak Detector has been designed for measuring the percent methane, natural gas, or propane gas in air. A sensitive but rugged infrared detector measures the methane or propane in air and displays the actual percentage by volume on a digital display. This is an ideal method of measurement for leak detection because the sensor will not burn out or become 'blinded' as do some catalytic types.

The Model 339 has rechargeable battery operation and has no warm-up wait. A built-in sample pump, hose, probe, and flow indicator are also provided. Built-in audible and visual alarms are included. The alarm set point is field-adjustable. LED lights tell when to recharge and verify charging. The recharger is included.

SPECIFICATIONS

Nova reserves the right to specification changes which may occur with advances in design without prior notice.

Description

Method of Detection:	Infrared detector; cannot be burned out due to loss of flow or changing gases
Ranges:	0-100.0% methane, natural gas, or propane in air
Resolution:	0.1% methane, natural gas, or propane
Accuracy and Repeatability:	± 1% of full scale
Drift:	± 1% of full scale per week
Response Time:	90% of final reading in 8-10 seconds
Ambient Temperature Range:	55° to 120°F (12° to 50°C)
Linearity:	± 2% of full scale
Size and Weight:	WP style - approx. 10" L x 7½" H x 6½" D @ 8 lbs (25.5 x 19 x 16.5 cm @ 3.6 kg) K style - approx. 14" L x 6" H x 10½" D @ 8 lbs (35.5 x 15.2 x 26.6 cm @ 3.6 kg)
Power:	AC/DC operation. 115VAC 60Hz for recharging (220VAC 50Hz available)
Output Options:	4-20 mA or 0-1 VDC
Alarm:	Single audible & visual LED alarm with field-adjustable set point

UNIQUE APPLICATIONS

Operator should observe all local safety procedures when sampling potentially hazardous or flammable vapors. All Nova analyzers are built using proven technologies and techniques. If this product does not suit your application, please contact Nova at 1-800-295-3771. In many cases, we are able to build an analyzer specific to your needs.



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