

NOVA

MODEL 334WP

PORTABLE HELIUM LEAK DETECTOR

APPLICATIONS

For checking for helium leaks around pressurized vessels or pipelines



FEATURES

- Long life thermal conductivity detector cell
- Built in sample pump
- Digital readout
- Lightweight, compact and easy to use
- Rechargeable battery operated
- Fast response
- Accurate and stable readings
- No warm up wait
- Built in audible and visual

OPTIONS

- Recorder outputs
- Rugged carrying case

DESCRIPTION

The Nova Model 334WP Portable Analyzer has been designed for the detection of helium leaks (He) primarily in air or nitrogen. However, it can be used in some other applications with several background gases present. Consult Nova on these applications.

The 334WP has a built in sample pump, filters, flowmeter, rechargeable 'gel cell' battery and LED lights to tell when to recharge and to verify charging. The recharger is included.

A built in audible and visual alarm are included. The alarm set point is field adjustable.

The thermalconductivity detector cell provides a fast and accurate measurement of Helium. It has an expected life of over 10 years unless contaminated.

SPECIFICATIONS

DESCRIPTION	
Ranges:	0-100.0% He in air
Accuracy and Repeatability:	± 2% of full scale
Response Time:	90% of final reading in 10 seconds
Sampling:	By built in sample pump, filter, flowmeter, 3 ft. sample hose and 10" stainless steel probe
Operating Temperature Range:	55° to 90°F (12 to 32°C) (for best accuracy)
Power for Recharging:	110-120VAC 60Hz (other voltages available)
Sample Temperature:	To 1200°F with S.S. probe supplied
Readout:	LCD digital. Resolution 0.1% He
Size and Weight:	13" L x 8" W x 7-1/2" H (32 x 20 x 19 cm) Approx. 8 lbs. (3.6 kg)
Optional Output:	0-1 VDC or 4-20 ma
Sample Flow:	2 CFH (.9 L/min.)
Warm Up Time:	10 seconds
Accessories:	3 ft. sample hose and 10" S.S. probe. Rugged carrying case available.

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

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