

Pup™

Delivering
Superior
Performance
in the
Field





The Gas Pup.TM Your field technician's best friend.

As dependable and efficient as a good hunting dog, the new Gas Pup does the job of two monitors in one ultra-compact tool. Employing easy-to-use automatic calibration and a single catalytic bead sensor, this state-of-the-art instrument not only sniffs out leaks, but measures pressure, too. The Gas Pup marks the dawn of a new generation in the gas utility industry!



Convenient palm-sized package with full-sized detection capabilities.

For a free demonstration or more information on the field technician's new best friend, call Bacharach at 1-800-736-4666.

The Pup vs. Other Leak Detectors

Feature	Benefit
• One sensor for all three ranges of natural gas detection	• Lower operating and maintenance costs
• Auto-ranging in gas mode	• Eliminates range selection, re-zeroing of instrument and potential sensor damage
• Auto-zero at start-up	• No operator intervention required for sensor zero
• Auto-calibration function	• Allows quick and simple calibration at the bench or in the field
• Built-in dual pressure range 0-99 psig and 0-9.9 psig	• Less tools to carry to the work site
• Pressure delta function	• Excellent alternative to liquid manometers for service line leakage tests
• "Sticky" bar graph display in high gas range	• Indicates and holds highest gas reading, ideal for bar holing operations
• Small size and light weight	• Both natural gas detection and pressure measurement in one 22 oz. package
• Rugged anodized aluminum case with built-in rubber bumper	• Built to withstand the everyday physical demands of the field



The Next Generation of Leak Detection

- Simple Operation
- Rugged and Reliable
- Gas or Pressure Measurement
- 3 Ranges of Sensitivity — PPM, LEL, and % Gas
- Auto-Ranging in Gas Mode
- State-of-the-art Sensor Technology
- MET lab certified to UL913 and CSA C22.2-157, intrinsically safe for use in Class I, Division 1, Groups A, B, C & D hazardous areas
- Fast Response and Recovery to Gas
- Simple Auto Calibration Function
- "Sticky" Bar Graph for Pinpointing Natural Gas Leaks
- Dual Pressure Ranges and "Delta Mode"
- Superior On Board Diagnostics
- Several Tools in One Package
- Bacharach Product Quality, Service and Reliability

The Gas Pup™ is just one of the Bacharach family of products and services for the utility industry. Other reliable products available from Bacharach include:

***The Odorometer Portable Gas Odorant Tester** helps utilities meet the DOT 192-625 requirements by providing a simple and quick method for the determination of odorant levels in natural gas pipelines.*

***The Informant™ 2 Dual Leak Detector** allows fast and accurate pinpointing of small natural gas leaks by using both visual and audible means. While it does not provide a digital display of gas concentration like the Gas Pup, it allows rapid screening of natural gas piping for leaks. Its versatile design allows it to be easily converted to a refrigerant leak detector.*

***The Monoxor® II and Snifit® 50 Carbon Monoxide Analyzers** provide reliable measurement of carbon monoxide levels in homes, commercial establishments, and around gas-fired appliances. The Monoxor II also can be used to measure the levels of carbon monoxide in the flue gases of furnaces or hot water heaters.*

***The Fyrite® Pro and PCA® Combustion Analyzers** can be used in emissions reduction, weatherization, and appliance safety programs that help improve the value a utility provides to its customers. These analyzers provide utilities with an upgradeable, handheld platform that can be configured to measure oxygen, carbon monoxide, stack temperature, draft and pressure, and can calculate combustion efficiency, excess air, carbon dioxide and air free carbon monoxide for a wide variety of fuels.*

***The ECA 450 Environmental and Combustion Analyzer** provides combustion efficiency readings and emissions measurements in a wide variety of units and formats. Its optional sample conditioning system allows reliable and accurate measurements of NO₂ and SO₂ in the flue gases of boilers and reciprocating engines.*

***The Bacharach Institute of Technical Training** provides a variety of comprehensive applications training seminars in odorant testing, carbon monoxide safety, combustion efficiency, building pressure diagnostics, ventilation and refrigeration.*



1-800-736-4666

Gas Pup™ Specifications and Ordering Information

Specifications		
Measurement Ranges	Natural Gas	Pressure
	PPM: 0 - 2500 ppm	High: 0 to 99 psig
	LO%: 0.2 to 5.0% vol. gas	Low: ± 9.9 psig referenced to atmospheric pressure
	HI%: 0 to 100% vol. gas	Delta: ± 9.9 psig from any reference pressure point between 0 and 90 psig
Accuracy	Natural Gas LO%: $\pm 0.3\%$ gas HI%: $\pm 3\%$ gas	Pressure $\pm 5\%$ of Reading
Warm Up Time	1 minute	
Response Time	Gas: <15 seconds to 95% of final value Pressure: <5 seconds to 95% of final value	
Operating Environmental Conditions	-4 to +122° F (-20 to 50° C) 10 to 95% R.H. (non-condensing)	
Size	4.7 x 2.3 x 3.7 inches (11.9 x 5.8 x 9.4 centimeters)	
Weight	22 ounces (625 grams) without probe assembly	
Batteries	3 - AA disposable alkaline batteries	
Battery Life	Typically 6-8 hours of continuous operation, and well over a week of operation when used from 50 to 60 minutes a day	
Agency Approvals	MET lab certified to UL913 and CSA C22.2-157, intrinsically safe for use in Class I, Division 1, Groups A, B, C & D hazardous areas	
Warranty	1 year, including sensor	

Ordering Information	
Part Number	Description
55-8000	Gas Pup Kit includes: 4' polyurethane coiled hose with 10" aluminum probe assy. 3 AA alkaline batteries, laminated methane/pressure reference card and 2 inlet filters.
55-3001	30" plastic bar hole probe
3474-1210	30" aluminum bar hole probe
3474-1110	30" fiberglass bar hole probe
55-0038	Pressure tubing assembly with 1/8" quick connect socket
55-0072	Service Line Pressure Testing Kit; includes tubing, tee fitting with tire-valve port, quick connect fittings and 1/8" NPT socket
55-0044	Soft carrying case with shoulder strap
55-0039	Hard ABS plastic carrying case
5500-7100	Foam filters, for probe, box of 10
5500-7400	Charcoal filters, for probe, box of 10
55-0045	Inlet filters for instrument (package of 2)
55-0063	Water trap / Filter assembly
07-1644	Replacement filter for water trap/filter assembly, package of 3
55-8002	Calibration kit (less calibration gas)
51-1121	Calibration gas, 103 L. cylinder 2.5% methane in air
55-0060	Calibration gas, 58 L. cylinder 100% methane
51-1816	Calibration gas, 103 L. cylinder 500 ppm methane in air
51-7131	Calibration gas, 103 L. cylinder, zero air, 20.9% O2 in air
55-0040	Combustible Gas Sensor
103-5386	Quick connect socket, 1/4" NPT
103-5396	Quick connect socket, 1/8" NPT

The Gas Pup includes a 10" gas sampling probe, coiled gas tubing with quick-connect fittings, 2 inlet filters, 3 AA batteries and a pocket size pressure & gas conversion card. In addition, a wide range of accessories are available such as a hard carrying case, a soft carrying case, a service line pressure kit, a water trap and 30" barhole probes.



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