



ODORATOR®

Heath's Odorator - The Latest In Odor-Level Evaluation

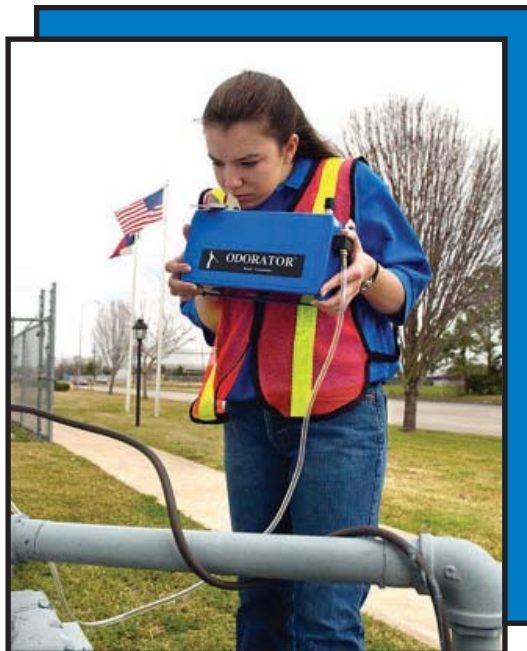
The Heath ODORATOR® offers the latest state-of-art technology for evaluating odor levels in gas systems.

This instrument was designed for ease of operation and interpretation. It is light weight, yet rugged for field use.

Its major components include:

- a linear flow metering valve to introduce gas samples to the system.
- a solid state mass flow sensor.
- a blower to mix the gas sample with air for evaluation.
- a digital display.

The ODORATOR is an ideal tool for customer service personnel and other individuals testing odor levels in gas distribution or transmission systems.



Features:

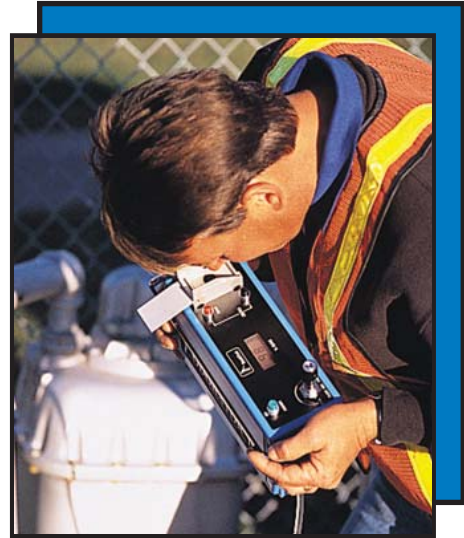
- Conformally coated solid state electronics printed circuit board.
- Temperature and flow compensated solid state mass flow sensor.
- Internal gas regulator, vented in the event of inlet over pressure.
- Digital liquid crystal display, backlit for low light conditions.
- Polycarbonate panel overlay for sealing out moisture and dirt.
- Low battery indicator.
- Low air flow indicator.
- Battery operation for portability.
- Fused for operator safety.
- Reverse battery protection.
- Proper use of the ODORATOR fulfills D.O.T. Code 192.625 requirements.

See back for specifications and ordering instructions

ODORATOR®

Operating Information

The ODORATOR mixes natural or propane gas with air in concentrations from zero to approximately 2% for natural gas or 1% for propane. The operator slowly opens the linear flow metering valve which allows sample gas to enter the instrument and then he sniffs the mixed exhaust at the exhaust port. This operation is continued until the odorant level in the exhaust is readily detectable at which time the operator presses and holds down the “read” button to observe the relative percent gas concentration in air on the digital display. Correction charts are included for both correcting and interpolating the instrument’s readings over its full measurement range and when used at elevation.



Specifications

Console Weight:	7.5 lbs (3.4 kg)	Power:	8 C-size alkaline batteries
Size, H-W-L:	6 x 4 x 12" (15 x 10 x 30 cm)	Operating Life:	30 hours typical
Inlet Pressure:	7" water column typical, 4 p.s.i.g. maximum	Current:	35 milliamps, typical
Digital Readout:	.00 to 1.99%; over-range shown as dashes	Fuse:	1 amp fast blow
Display Indicators:	Lo Batt, L (low flow); low batt is at 10 Vdc	Temperature Range:	32°F to 120°F (0 to 50°C)
Sampling Tube:	Inert tubing - 5 ft. long 3/16" (.19) ID x 5/16" (.31) OD	Elevation Use:	Sea level to 10,000'
Accuracy:	Within 10% of actual after corrections	Total Shipping Weight:	9.5 lbs (4.3 kg)
		Shipping Carton, H-W-L:	10 x 12 x 18" (25 x 30 x 46 cm)
		Warranty:	1 year workmanship, labor and parts

Descriptions

- P/N 0705637:** Odorator, complete, Methane Gas (1.0% methane calibration)
- P/N 0705641:** Odorator, complete, Propane Gas (.55% propane calibration)
- P/N 0705643-0:** Odorator, complete, Dual Gas (1 % methane and .55% propane calibrations)
- P/N 0727631:** Upgrade Kit, Odorator, for instruments manufactured prior to May 1, 1995 (1% methane calibration)
- P/N 0727632:** Carrying case, Odorator

Complete part numbers include the instrument with batteries, sample hose and manual.

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.



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