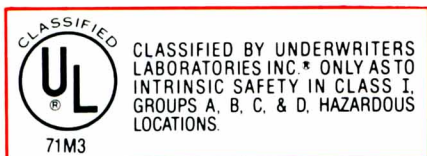


TIF8800A Combustible Gas Detector

with LED
Visual Leak
Size Indicators



The TIF8800A Combustible Gas Detector with Visual Leak Size Indicators gives you the response you want. This highly reliable broad-band combustible gas detector is extremely useful as a general purpose tool in any environment where gasoline, propane, natural gas or fuel oil are used.

In conjunction with specific carbon monoxide measuring equipment, it is a valuable adjunct in diagnosing heating system problems. As the combustible gas or vapor source is approached, a "geiger counter" signal increases in frequency and the red lights illuminate in sequence to show the intensity of the leak. Now you can see and hear your way to pinpointing dangerous leaks. UL classified for intrinsic safety in contaminated atmospheres and approved by the Mine Safety and Health Administration (MSHA) for use in Methane-Air mixtures.

FEATURES

- Visual Leak Size Indicators
- Automatic Warm-up
- Audible "Geiger Counter" Signal
- Adjustable Sensitivity
- Cordless Operation
- Rechargeable Batteries
- Low Battery Indicator
- Long, Flexible Probe
- Includes Deluxe Carrying Case, Batteries and Recharger
- UL Classified and MSHA certified
- Made in U.S.A
- One Year Warranty

SPECIFICATIONS:

Power Supply: Two (2.4V) Ni-Cad Batteries
 Battery Life: Four Hours Continuous. Over 2000 Hours lifetime.
 Sensitivity: as low as 5 ppm. (see back)
 Warm-Up Time: Automatic, Approximately 15 Seconds
 Response Time: Instantaneous
 Weight: 15.5 ounces (439 grams)
 Dimensions: 8" x 3" x 1.8" (20.32 cm x 7.62 cm x 4.57 cm)
 Duty Cycle: Continuous, no limitations
 Operating Temperature Range: 33° F to 125° F (0° C to 52° C)
 Probe Length: 15 inches (38.1 cm)

REPLACEMENT PARTS:

DESCRIPTION	PART#
Sensing Tip	TIF8801
Battery Recharger .. (110V)	TIF8803A
..... (220V)	TIF8806B
Carrying Case	TIF8804
Plug-in Cigarette	TIF8805
Lighter Recharger	
2 (2.4V) Ni-Cad Batteries ...	TIF8806A

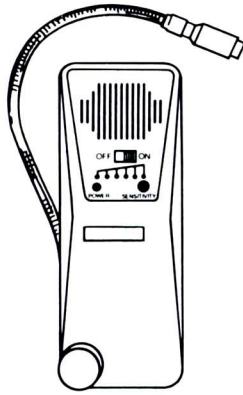
TIF INSTRUMENTS INC.



3270 Executive Way
Miramar, FL 33025

SEE BACK FOR APPLICATIONS AND
DETECTABLE COMPOUNDS

800-327-5060



Applications:

- Detect Leaks in Automobile Exhaust and Fuel Systems.
- Detect Leaks in Liquid or Gas Fired Heating Systems.
- Safety Checks at Propane Filling Stations.
- Search for Arson Residue (Detects Accelerants).
- Detect fuel in Marine Bilges.
- Check Fuel Tanks Before Welding.
- Check Manholes/Sewers for Safety.
- Check for Cracked Heat Exchangers.
- Detect Solvent Residue.

PARTIAL LIST OF DETECTABLE COMPOUNDS AND SENSITIVITY TO SELECTED ONES:

HYDROCARBONS

- Methane (Natural Gas)
- Ethane
- Propane
- Benzene
- Acetylene
- Butane
- N-Butane
- Isobutane
- Pentane
- Hexane
- Gasoline

HALOGENATED HYDROCARBONS

- Methyl Chloride
- Methylene Chloride
- Trichloroethane
- Vinyl Chloride

ALCOHOLS

- Methanol
- Ethanol
- Propanol
- Butanol

ETHERS

- Methyl Ether

KEYTONES

- Methyl Acetate
- Acetone
- Methyl Ethel Ketone

OTHER GASES

- Sulfur Dioxide
- Ammonia
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen
- Toluene
- Naptha
- Chlorine

CHEMICALS

- Industrial Solvents
- Dry Cleaning Fluids
- Lacquer Thinners
- Refrigerant Gases

	Molecular Formula	Minimum detectable Concentrations (ppm)											
		1	5	10	20	50	100	200	500	1000	2000		
COMBUSTIBLE GASES													
ACETYLENE	C ₂ H ₂												x
iso-BUTANE	C ₄ H ₁₀												x
METHANE (Natural Gas)	CH ₄												x
ETHANE	C ₂ H ₆												x
PROPANE	C ₃ H ₈												x
ETHYLENE	C ₂ H ₄												x
HYDROGEN	H ₂												x
METHYLETHER	C ₂ H ₆ O												x
DERIVATIVES OF HYDROCARBONS													
VINYL CHLORIDE	C ₂ H ₃ Cl		x										
METHYL CHLORIDE	CH ₃ Cl		x										
METHYLENE CHLORIDE	CH ₂ Cl ₂					x							
ETHYLENE OXIDE	C ₂ H ₄ O											x	
ACRYLONITRILE	C ₃ H ₃ N				x								
OTHER GASES													
HYDROGEN SULFIDE	H ₂ S		x										
CARBON MONOXIDE	CO												x
SULFUR DIOXIDE	SO ₂							x					
CHLORINE	Cl ₂		x										
AMMONIA	NH ₃					x							
LIQUID													
ACETONE	C ₃ H ₆ O									x			
METHANOL	CH ₄ O									x			
n-PENTANE	C ₅ H ₁₂									x			
n-HEXANE	C ₆ H ₁₄									x			
BENZENE	C ₆ H ₆									x			
METHYLETHYL KETONE	C ₄ H ₈ O									x			
DIMETHYL AMINE	C ₂ H ₇ N									x			
ETHANOL	C ₂ H ₆ O									x			
METHYL ACETATE	C ₄ H ₈ O ₂									x			
GASOLINE	-----									x			