

ROBINAIR FLUID PRODUCTS

Combustible Gas Leak Detectors

TIF8900 Combustible Gas Detector

The TIF8900 is a super-sensitive, cordless, combustible gas detector that detects a broad range of natural gases including propane, methanol, butane, and gasoline.

- Solid-state sensor technology, long life, and precision.
- Adjustable sensitivity levels; as low as 5ppm.
- Audible “Geiger counter” signal.
- Rechargeable battery and charger included.

Specifications

Power Source	Two 2.4V Ni-Cad batteries (included)
Battery Life	Approx. 4 hours per charge
Dimensions	8-1/2" L x 2-1/2" W x 2" D (21.59 cm x 6.35 cm x 5.08 cm)
Operating Range	32° F to 105° F
Probe Length	16 inches
Weight	12.3 oz.

TIF8900 – Combustible gas detector.

Replacement Parts

TIF8801 – Sensing tip.

TIF8803A – 115V battery charger.

TIF8805 – Cigarette lighter adapter.

TIF8806A – Rechargeable Ni-Cad batteries.

TIF8806B – 220V battery charger.



TIF8800, TIF8800A, TIF8850 Combustible Gas Detectors

These detectors are MSHA approved and UL classified. The unique flexible 15" stainless steel probe allows you to access hard-to-reach places. All feature automatic warm-up, are ideal for a tremendous range of uses, and are invaluable for safety in many applications. Each unit includes its own rechargeable Ni-Cad batteries for years of use.

All Models Feature

- Automatic warm-up.
- Broad band detection.
- Low battery indicator.
- Recharger and ABS carrying case.
- Sensitivity adjust control.
- Audible “Geiger counter” signal.

Additional Features of TIF8800A

- LED leak intensity lights.

Additional Features of TIF8850

- LED leak intensity lights.
- Audio mute button to silence the alarm.



Specifications

Operating Temp	32° to 125° F (0° to 52° C)
Power Supply	(2) 2.4V Ni-Cad Batteries
Battery Life	4 hours/charge
Response Time	Instantaneous
Warm-up Time	30 seconds
Probe/Cord Length	15" (38 cm)
Dimensions	8" x 3" x 1.8" (20 cm x 7.6 cm x 5 cm)
Weight	15.5 oz. (434 grams)
Ultimate Sensitivity	5–50 ppm



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Combustible Gas Leak Detectors



TIF8800



TIF8850



TIF8800, TIF8800A, TIF8850 Combustible Gas Detectors (continued)

Applications

The TIF8800 series detectors are general purpose combustible gas detectors that may be used in almost any situation where a combustible gas, vapor, or residue needs to be found. Among the many applications are:

- Gas lines and pipes.
- Fuel in marine bilges.
- Exhaust and fuel leaks.
- Heat exchanger leaks.
- Propane filling stations.
- Check manholes for safety.
- Detect arson residue.
- IAQ tests.
- Liquid or gas fired heating systems.

Replacement Parts

TIF548 – Custom carrying case.

TIF8801 – Sensing tip.

TIF8803A – 115V battery charger.

TIF8805 – Cigarette lighter adapter.

TIF8806A – Rechargeable Ni-Cad batteries.

TIF8806B – 220V battery charger.

Partial List of Detectable Compounds

Compound	Min. Detectable Concentration
Acetylene	50 ppm
Iso-Butane (R600a)	500 ppm
Methane	500 ppm
Ethane (R170)	500 ppm
Propane (R290)	500 ppm
Ethylene	500 ppm
Hydrogen	500 ppm
Methyl Ether	500 ppm
Vinyl Chloride	5 ppm
Methyl Chloride	5 ppm
Hydrogen Sulfide	5 ppm
Acetone	50 ppm
Methanol	50 ppm
Ammonia (R717)	20 ppm
Gasoline	1 ppm
Chlorine	1 ppm

