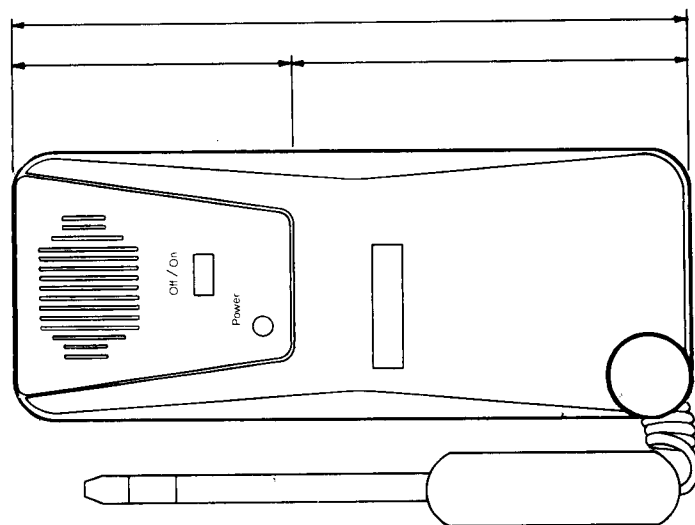




5500 Micropump™

Automatic Halogen Leak Detector

OWNER'S MANUAL



General Description

The TIF5500 combines all of the features of the TIF5000 with a battery-operated pump.

The automatic ambient control adjusts and corrects for the atmospheric ambient refrigerant in the vicinity of the tip. Entirely automatic, only a simple on-off switch is required. A computer-like beeping sound increases in both speed and frequency as you approach the leak.

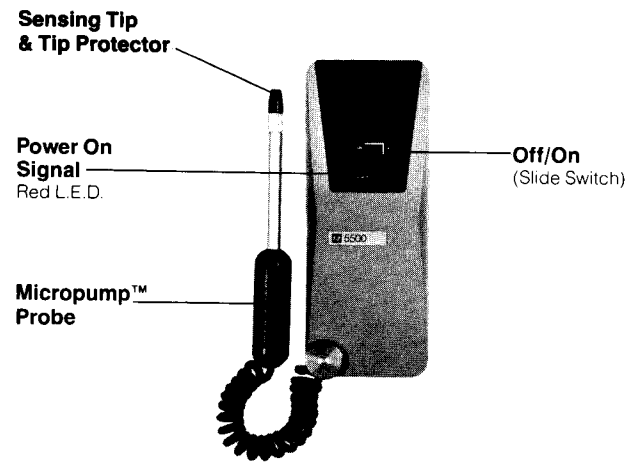
Built for the service engineer demanding the last word in electronic leak detection methods.

Features of the 5500 Micropump™ Automatic Halogen Leak Detector

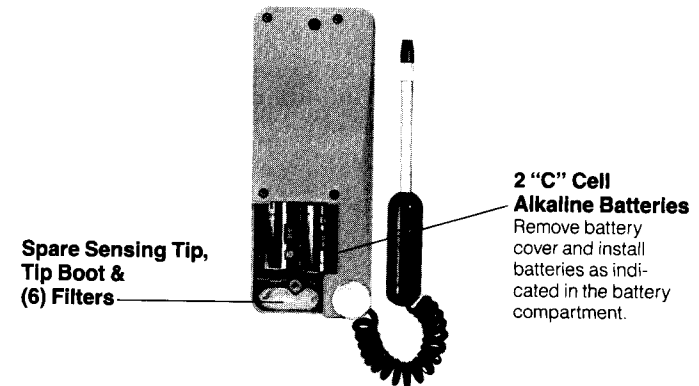
- High efficiency Pump.

- Finds leaks in contaminated atmospheres.
- Super-sensitive: responds to minute traces of halogen gas (3 PPM); ½ oz. yr. leak-rate.
- Auto-set control: re-sets to any ambient level.
- Cordless: operates on two C cells.
- Sensor not poisoned by large doses of refrigerant.
- Instant on—no warm up.
- Constant power indication.
- No dangerous or poisonous gases are generated.
- Long flexible stainless probe for hard-to-reach areas.
- Made in U.S.A.

**The TIF5500 Micropump™
Automatic Halogen
Leak Detector**



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Operating Instructions

1. Move slide switch to ON position.
2. Begin searching for leaks. The tone frequency and beep rate will increase when halogen gas is detected.

Leak Detection Techniques

1. In areas contaminated by refrigerant turn instrument off and on. The instrument will automatically set itself to the new level.

NOTE: The instrument's automatic sensitivity adjustment is entirely controlled by the single on-off switch.

2. In windy areas, a large leak can be extremely difficult to find, because the escaping gas is rapidly carried away from the leak source. Under these conditions, it may be necessary to shield the potential leak area.
3. In a situation when large leaks mask the presence of very small leaks, locate and repair large leaks first. Finding the small leaks will then become an easy task.

Replacement Parts

To install batteries remove the battery cover on the back of the instrument. Be sure to install batteries as indicated in the battery compartment.

Batteries affect performance. When your leak detector is turned on, the red power indicator should be **lit**. If the red L.E.D. is not on, install fresh and/or tested Size "C" Alkaline batteries. Remember, cold temperatures will affect battery strength.

If the red L.E.D. is on, and the unit fails to operate properly, turn instrument off and replace the sensing tip. If the unit still does not function correctly, return it to the factory for repairs.

Price Includes

Carrying Case
Extra Sensing Tip,
6 Filters
2 "C" Cell Batteries
Tip Protector

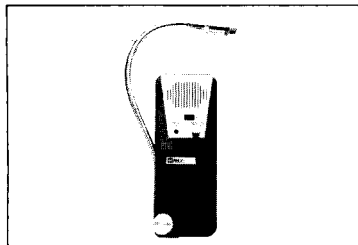
Optional Accessories

Maintenance Kit
(Includes):
2 Sensing Tips.
2 Sensing Tip Protectors
1 Leak Source
12 Filters

Part No.
Part #547

Part #544

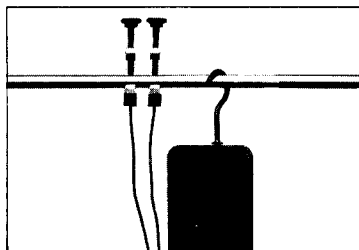
Other TIF Products



Combustible Gas Detector

This instrument is supersensitive to combustible gases. It responds to minute traces (50 to 1000 PPM). So extremely small leaks can be pinpointed. The instrument features an audible "geiger counter" ticking signal which increases in frequency as the source of combustible gas or vapor is approached.

Model No. TIF8800



Electronic Sight Glass

Astounding is what this superb instrument has been called by top air conditioning experts. It's a remarkable all new method of determining how to fill a system precisely. It couldn't be easier to use. Automatically tells you when system is full or needs refrigerant. See your AC&R wholesaler today and see how easy filling and checking a refrigerant charge has become.

Model No. TIF4000

U.S. Patent # 4,138,879

Specifications

Power Supply:

Two size "C" Alkaline batteries.

Sensitivity: Automatically set on turn - on.

Operating Temperature Range: 30° to 100°F.

Battery Life:

Approximately 50 hours, normal usage (Alkaline batteries).

Duty Cycle: Continuous, no limitation.

Response Time: Instantaneous.

Warm-up Time: Instantaneous.

Weight:

35 ounces (980 grams) with batteries.

Dimensions: 8" x 3" x 1.8"

(20.32 cm x 7.62 cm x 4.57 cm)

Probe Cord Length: 54" (137.16 cm)

Limited Warranty and Repair/Exchange Policy

This instrument is designed and produced to provide unlimited service. Should the unit be inoperative after the user has performed the recommended maintenance a no-charge repair or replacement will be made to the original purchaser. This applies to all repairable instruments which have not been tampered with or damaged. The claim must be made within one year from the date of purchase. For repair of your instrument have your local Industrial, Electrical or AC&R Wholesaler send the instrument to TIF Instruments. An additional 90-day warranty will cover the repaired or replaced unit.