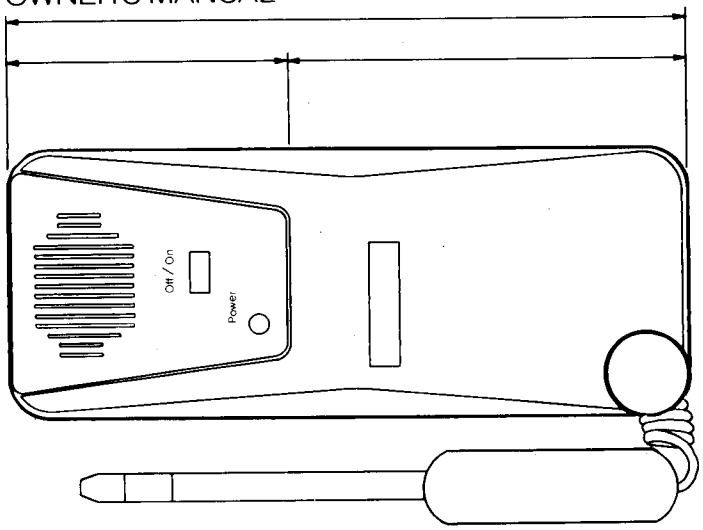
Snap-on.

ACT 5500 **Pump Style**

Automatic Halogen Leak Detector

OWNER'S MANUAL



General Description

The ACT 5500 combines all of the features of the ACT 5000 with a battery-operated pump.

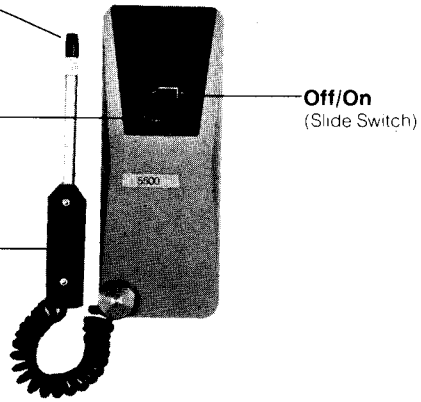
The automatic ambient control adjusts and corrects for the atmospheric ambient refrigerant in the vicinity of the tip. Entirely automatic, only a simple on-off switch is required. A computer-like beeping sound increases in both speed and frequency as you approach the leak.

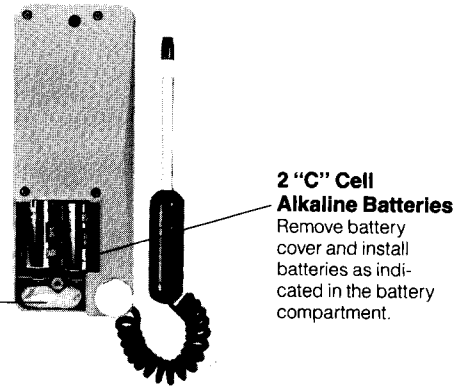
Built for the service engineer demanding the last word in electronic leak detection methods.

Features of the 5500 Pump Style 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 ACT 5500 Pump Style Automatic Halogen Leak Detector





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.
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.

Troubleshooting Hints

Erratic Beeping (Check the following)
- Replace tip.
- Look for a source of contamination.
- Follow instructions carefully.
- Red battery indicator light should be lit.

Steady Beeping—but will not pick up leak source.
- Replace tip.
- Check power on indicator.
- If unit still does not pick up leak source, return to factory for repairs.

Batteries
- When your leak detector is turned on, the power on indicator should be lit.
- If the red light is not on, install fresh size "C" alkaline batteries. If the light is on and the unit fails to operate properly, turn the detector off and replace the sensing tip. Remember cold temperature will affect battery strength. If the unit is still erratic return to the factory for repairs.

Applications of the ACT 5500

The ACT 5500 Automatic Halogen Leak Detector may be used on air conditioning and refrigeration systems; Ethylene Oxide gas leaks in hospital sterilizing equipment (detects freon mixture). Detects SF-6 in High Voltage circuit breakers.

Detects most gases containing Chlorine, Fluorine and Bromine e g. halogen gases. Also detects cleaning agents used in the dry cleaning industry.

Note: Do not use HLD440 or ACT 5000 sensing tips on your new ACT 5500 Micropump™

Always be sure your instrument is off when changing tips. Do not operate your leak detector until the sensing tip is screwed on finger tight. Use care not to catch perspiration, or grease such as hand cleaner in the slots, while attaching the tip.

Minimize tip contamination from dust and grease by utilizing the tip boot.

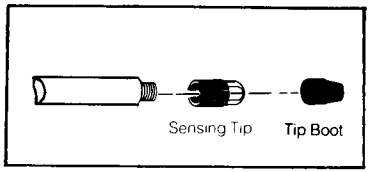


Fig. 1

A spare sensing tip for your ACT 5500 has been supplied and is located in the lower section of the battery compartment. Should you experience any problem in the performance of this instrument, please try changing the tip before sending the instrument back to us for repair.

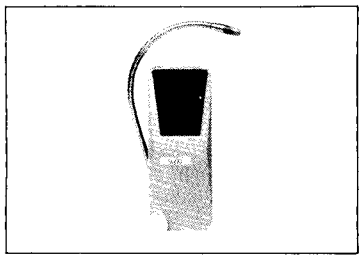
To install batteries remove the battery cover on the back of the instrument. Be sure to install batteries as indicated in the battery compartment.

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	**Part No.**
Carrying Case	Part #547
Extra Sensing Tip	
2 "C" Cell Batteries	
Tip Boot	
Optional Accessories	
Maintenance Kit	Part #544
(Includes):	
2 Sensing Tips	
3 Sensing Tip Boots	Part #542
1 Leak Source	Part #443

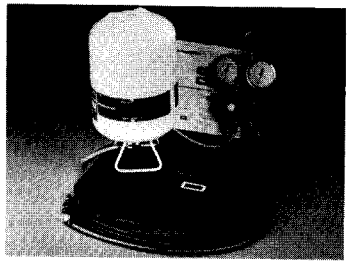
Other Snap-On Products



Nothing captures refrigerant leaks like the new ACT 5000 Automatic Halogen Leak Detector. Instant response for rapid fire searching. Automatically eliminates background contamination. Incredibly easy to use, just turn it on and pin-point your leak.

Model No. ACT 5000

U.S. Patent #3,742,475
U S Patent # 4,282,521



Electronic Charging Meter. For use when charging AC&R systems, the ACT 9000 reads like a gasoline pump for all refrigerants. The digital readout lets you measure in the correct amount (in lbs. & ounces) for a measured charge. The ACT 9000 is portable, battery operated with a platform capable of holding a 30 lb. refrigerant cylinder.

Model No. ACT 9000

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: 36"

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.

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