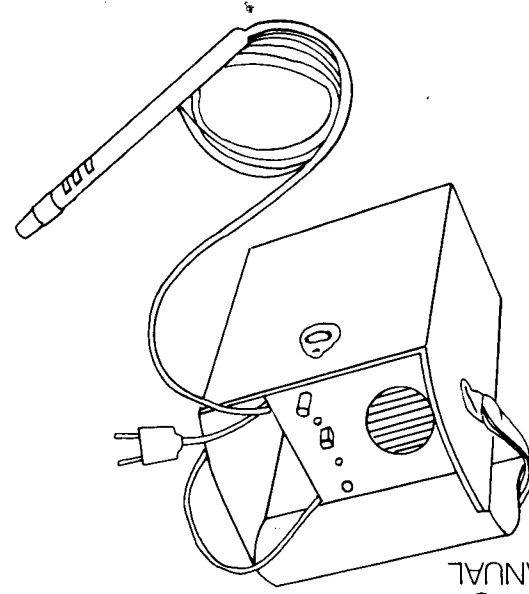


Snap-on.

ACT 6000 AC Pump Style Automatic Halogen Leak Detector

OWNER'S MANUAL



General Description

The ACT 6000 combines all of the features of the ACT 5500 except it is powered by 115 volts AC (220 V available).

The new ACT 6000 with audible and visual indications fully automatic (patented).

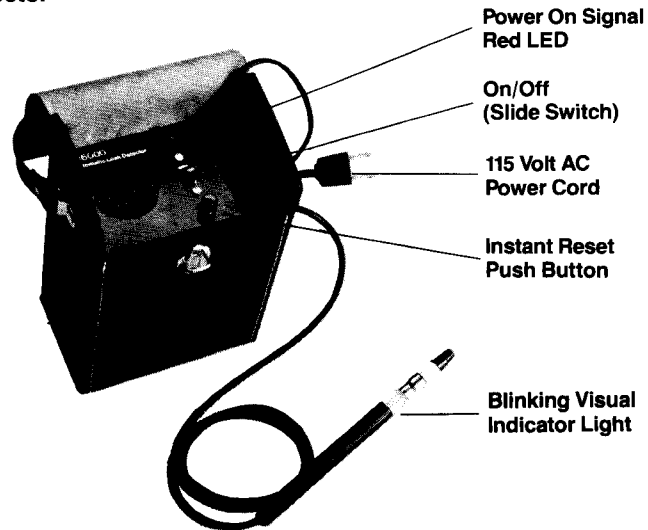
The automatic ambient control adjusts and corrects for the atmospheric ambient refrigerant in the vicinity of the tip. Entirely automatic, only a simple on-off switch is required or a momentary action of the instant reset push button. A computer-like beeping sound increases in speed as you approach the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

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

Features of the 6000 AC Powered Automatic Halogen Leak Detector

- High efficiency Pump.
- Plugs into any standard 115 volts AC outlet (220 volts available).
- Finds leaks in contaminated atmospheres.
- Super-sensitive: responds to minute traces of halogen gas.
- Auto-set control: re-sets to any ambient level.
- Sensor not poisoned by large doses of refrigerant.
- Instant on — no warm up.
- Constant power indication.
- No dangerous or poisonous gases are generated.
- Blinking light at probe tip gives you visual indication of leak source.
- Made in U.S.A.

**The ACT 6000
AC 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, press the instant reset button. The instrument will automatically set itself to the new level.

NOTE: The instrument's automatic sensitivity adjustment is entirely automatic.

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.

AC Power Line

- When your leak detector is turned on, the power on indicator should be lit.
- If the red light is not on check 115 volt AC outlet for power. If the light is on

and the unit fails to operate properly, turn the detector off and replace the sensing tip. If the unit is still erratic return to the factory for repairs.

Applications of the ACT 6000

The ACT 6000 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.

Maintenance

Note: Do not use ACT 5000 sensing tips on your new ACT 6000.

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 protector and filter.

Always change filter when new tip has been installed (see Fig. 1).

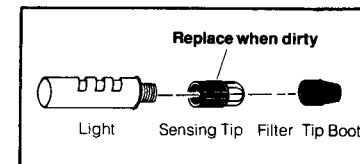


Fig. 1

A spare sensing tip for your ACT 6000 has been supplied and is packed with the instrument. 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.

Replacement Parts

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,
Tip Boot

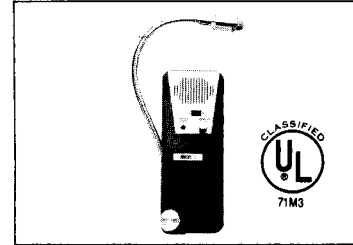
Optional Accessories

Maintenance Kit
(Includes):
2 Sensing Tips,
2 Sensing Tip Boots
1 Leak Source

Part No.
Part #547

Part #544

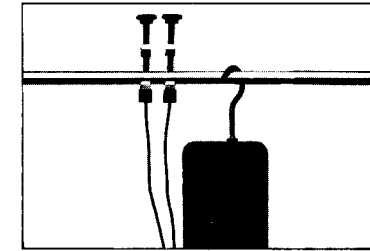
Other Snap-On Products



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. ACT 8800

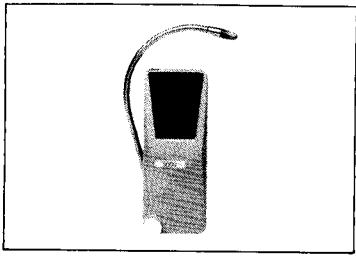


Electronic Sight Glass

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 supplier today and see how easy filling and checking a refrigerant charge has become.

Model No. ACT 4000

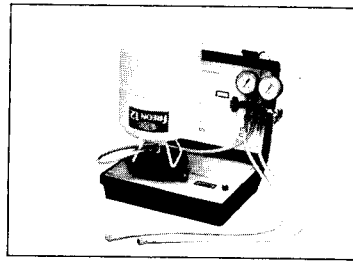
U.S. Patent # 4,138,879



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. Patents #3,742,475 #4,281,521



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:

115 volt AC voltage supply.

Sensitivity: Automatically set on turn-on, or instant push button.

Operating Temperature Range: 30° to 100°F.

Duty Cycle: Continuous, no limitation.

Response Time: Instantaneous.

Warm-up Time: Instantaneous.

Weight:

35 ounces (980 grams)

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 see your supplier.

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