

WARRANTY AND REPAIR EXCHANGE POLICY

Your **TPI 750** is warranted to be free from defects in materials and workmanship for a period of one year after purchase (excluding sensor, calibration and batteries). If within the warranty period your instrument should become inoperative from such defects, the unit will be repaired or replaced at our option. This warranty covers normal use and does not cover damage which occurs in shipment or failure which results from alteration, tampering, accident, misuse, abuse, neglect, or improper maintenance. A purchase receipt or other proof of date of original purchase will be required before warranty performance will be rendered. Instruments out of warranty will be repaired for a service charge. Return the unit postpaid and insured to:

TPI Service Department
9615 SW Allen Blvd., Ste. 104
Beaverton, OR 97005
(503) 520-9197

or
J And N Enterprises, Inc.
648 W 300 N
Valparaiso, IN 46385
(219) 759-1142

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

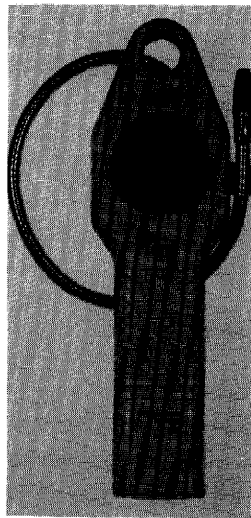
TPI750 2/98

TPI 750

Refrigerant Gas Detector

Instruction Manual

Model 750



Test Products International, Inc.
9615 SW Allen Blvd., Ste. 104
Beaverton, OR 97005

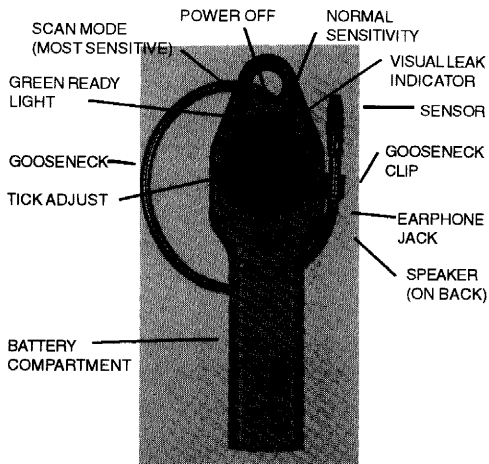
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SPECIFICATIONS

Power Supply:	3 "C" alkaline batteries
Sensor:	Conductive Polymer Ionization (CPI)
Sensitivity:	Selectable to 0.25 oz /yr 134a
Warm up:	Approx. 3 seconds
Response Time:	Instantaneous
Duty Cycle:	Continuous
Battery Life:	Approx. 24 Hours
Size:	3.5" x 10" x 1.6" (89 x 254 x 40 mm)
Weight:	1.3 lbs. (591 g)
Probe Length:	16"

PRODUCT FEATURES



ACCESSORIES

J And N Order #		TPI order #
	Replacement Parts	
PRD70180	Sensor	A711
I0TPI750	Instruction Manual	
	Accessories	
PRFC0130	Hard Carrying Case	A714
P014091	Earphone	A710
S0143	Test Vial	A713

GENERAL DESCRIPTION

The **TPI 750** is a state-of-the-art refrigerant leak detector capable of detecting all halogen based gases. Selectable sensitivity combined with an adjustable tick rate will allow any service professional to pinpoint those tough to find leaks even when the environment is contaminated by other gases.

OPERATIONS

1. Turn the unit on in an uncontaminated environment by moving the switch from the "OFF" to the "NORM" position.
2. The green ready light will illuminate if there is ample battery power. The red LED may flicker and the tick may sound during the warm up. To silence the tick, rotate the tick wheel fully counterclockwise.
3. Adjust the "TICK ADJUST" by rotating it in a clockwise direction until a uniform tick begins to sound. The red light will flash at the same time the tick sounds.
4. Approach suspected leak areas with the sensor until the tick begins to increase. When the tick increases do not move the sensor from the suspected leak area, rotate the tick adjust slightly counterclockwise to slow the ticking sound and continue to approach the leak. Continue to slow the tick until the leak is found.

(Operations cont. on page 6)

OPERATIONS (cont. from page 5)

REMEMBER: An increase in tick indicates you are approaching a leak, a decrease in tick indicates you are moving away.

5. To find extremely small leaks use the same procedure but operate the unit in the "SCAN" mode.
6. If the green light does not illuminate, the batteries must be replaced.
7. An earphone can be plugged into the earphone jack when using this instrument in noisy areas.
8. If the response is erratic, check the sensor for tightness and cleanliness. Cleaning the sensor with alcohol is permitted with the instrument off.
9. If the instrument does not perform, replace the sensor. We recommend sensor replacement before every season.

BATTERY REPLACEMENT

If the green light fails to illuminate, the batteries need replacement. Depress the latch using a coin and slide the battery compartment cover off. Replace the batteries with 3 "C" alkaline batteries.

When replacing the batteries observe the polarity markings on the sides of the battery holder. A fresh set of alkaline batteries should operate the unit for approximately 24 hours.

SENSOR REPLACEMENT

Replace the sensor when:

- a) The red light remains illuminated at all times.
 - b) The response is erratic.
 - c) There is reduced sensitivity.
1. Turn the unit off.
 2. Remove the old sensor by unscrewing in a counterclockwise direction.
 3. Install a replacement sensor by screwing in a clockwise direction until FINGER TIGHT.
 4. Do not change the sensor in a hazardous environment.
- WARNING:** Turn unit off before cleaning or replacing the sensor. Failure to do so may result in a mild electrical shock.