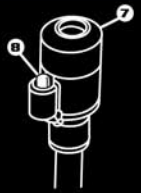
55750 COMBUSTIBLE GAS DETECTOR



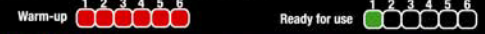
KEYPAD FUNCTIONS & PARTS

1. Turns unit ON and OFF
2. Reset Sensitivity Level to the level of concentration currently detected
3. Increase Sensitivity
4. Decrease Sensitivity
5. Turns Alarm ON/OFF
6. Turns the LED Light ON/OFF
7. Sensor Protector Cap
8. LED Light

OPERATING PROCEDURES

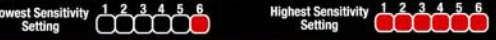
TURN ON THE UNIT & WARM-UP

Start the leak detector by pressing the "ON/OFF" key, the unit will show six red illuminated LEDS to indicate automatic warm-up stage. After warm-up, the unit will sound an audible beep and a green LED will display indicating the unit is ready for use.



SENSITIVITY LEVELS

The unit offers six sensitivity levels (1-6). The highest sensitivity level can detect a gas leak equivalent to 500 ppm gas concentration. When the unit is turned ON, it will default to Level 5. To view the sensitivity level on the LED, press either the UP or DOWN arrow key. The LED display will illuminate for approximately two seconds (One Red LED for every sensitivity level). One illuminated Red LED is the lowest sensitivity setting, six illuminated LEDS is the highest sensitivity setting.



RESET OPERATION

The primary use for the reset function is to pinpoint the leak source. When the unit detects a leak and goes into alarm, press the RESET button – Resetting will ignore any leaks at that level or lower and only detect leaks of higher concentration.

LED LIGHT FUNCTION

The LED Light can be used to help the operator to locate the leak area. Pressing Light button will operate the unit at either "ON" or "OFF" position.

MUTE

Pressing this button will toggle beeper sound ON and Off.

WARNING!

- *Pressurized systems can leak*
- *Wear safety shield (USER AND BYSTANDER)*
- *DO NOT breathe gas vapors*
- *Keep self and tools clear of moving parts*
- *Pressurized leaks and breathing may cause injury*
- *Wear safety glasses (USER AND BYSTANDER)*

For additional assistance, call 888-825-6989

PATENT PENDING
Made in USA

IMPORTANT LEAK DETECTION TIPS

- For the best leak detection results, the probe should be moved across the leak detection area at the rate of 1" - 2" per second (25mm to 50mm per second) and held 1/4" (5mm) away from the surface. An increase in the alarm rate will indicate a leak.
- When unit is used in contaminated area with certain gas concentration, erratic alarming may occur. For best results in these types of areas, adjust the unit to the existing environment before inspecting. Pressing "RESET" button will adjust the unit to the existing environment.
- If the battery is lower than a level at which the unit can work properly, the unit will illuminate 6 GREEN LEDS after unit pre-warm up. The unit will not operate unless unit is turned off and the battery is recharged.
- It is recommended that you fully discharge the battery before you recharge it since the Ni-MH battery will have a longer lifetime if you recharge after the battery is fully discharged.
- *ALWAYS KEEP SENSOR FREE OF GREASE, DUST OR DIRT.* Otherwise, these materials will prevent the airflow from entering the sensor.

LED LIGHT REPLACEMENT

To remove, pull the LED out of the socket. To install, press the LED into the socket with the long terminal to the outside.

LOW BATTERY INDICATOR

The unit has a low battery indicator function which lets the operator easily check the battery level of their unit and then helps them make the decision if the battery needs to be re-charged or not. By simply pressing and holding the ON/OFF key when the unit is ON will activate the battery indicator function, six LEDS will illuminate partial red and the others green. The red LEDs are in left hand side of the six LED display indicating how much battery charge is left with respect to full battery display of 6 red LEDS. Therefore, if 6 LEDS are all green, that means "NO CHARGE IN BATTERY". It is recommended that you recharge your battery at this time. *DO NOT WORK YOUR UNIT WITH LOW BATTERY LEVELS.*

RECHARGEABLE BATTERIES

The unit works with two 12V DC rechargeable batteries. The unit will operate continuously for 8 hours with fully charged batteries. A battery charger will be shipped with the unit. Simply plug the charger into 110 outlet and the output to the charger jack on the leak detector. *FOUR-HOUR CHARGING IS RECOMMENDED TO COMPLETELY CHARGE THE BATTERIES.*

WARRANTY

This product is warranted for a period of 1 year from the date of purchase to the original purchaser. A repair or replacement will be made at no cost to customer with proof of purchase. Damage through tampering or improper use will void warranty. This warranty does not cover batteries, sensors, LED bulb or other materials that are considered normal wear items.

SPECIFICATIONS

Operating Temperature	32°F - 125°F (0° - 52°C)	Dimension	7" by 7"
Power Supply	Two C-Size 12V Ni-MH Batteries	Weight	1.10 lbs (500gr)
Battery Life	(Fully Charged) Approximately 8 Hrs		
Warm-Up Time	25 Seconds		
Probe/Core Length	15"		

DISTRIBUTOR COOL4U Kft.