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source such as benzene or flowing of refrigerant, the "ticking" sound begins to intensify when the sensor at the top of the probe detects gas and the instrument will set off alarm, with warning light (red light) flashing. Continuous ticking will arise due to gas concentration if the operation environment needs to be quiet, or the environment is noisy, If the ready led or the battery is too low please replace the battery immediately. Low battery may impact the safety reliability of the product.

The beep sounds quicker and quicker if the sensor is approaching the gas resource closer and closer. And you can control the sound velocity by adjusting the sensitivity knob.

To enhance the sound velocity of "tick", rotate the knob clockwise with the thumb and slightly rotate counterclockwise to weaken the sound of "tick".

In a clean environment, the typical sound velocity is four to eight times per second. Keep the probe close to the area where a leak is suspected until the "tick" begins to intensify. To isolate the source of the leak, turn the probe slightly counterclockwise to weaken the "tick".

3.Replacing battery(Note: Please replace batteries in safe environments):

If the instrument have following status, Please replace the 1.5V AAA alkaline batteries:

► The green power indicator is off.

► No other LED is on as turning on the unit.

Follow the steps below to replace the battery:

1) Put the unit back upside
2) Take off the protective cover of the unit to open the battery door.
3) Take out the battery
4) Insert 3 fresh batteries.
5) Please do not install batteries backwards.

4.Replacing sensor:

The sensor of the unit can provide reliable service for years, it must be replaced only if the sensor is immerged into liquid or Long-term storage at high temperature and acid environment.

1) Turn off the unit.
2) Take out the sensor cap.
3) Take out the oldsensor.
4) Replace them with new sensor and cap.
5) Restart the instrument and carry out 'operation check'step.

H. Others

1.Gas detecting:

The instrument is an advanced detection apparatus that can be used to test the leakage of various refrigerants.

2.Combustible gas:

The following list only shows partial gases can be detectable.

Freon ,R12,R22,R502,benzene.

3.Keep-up and maintenance:

1) Keep-up:

► Keep-up and replacement of battery:
Take out the battery from the unit which will not be operated for a long time less the leakage of battery damage and erode the battery contact metal.

► Case cleaning:
Use only the fresh water to clean the case of the case of the product, forbidden to use any erosive liquid such as alcohol etc.

► Make sure the sensor is clean and use a soft brush to clean sensor aperture.

► Never impact it or operate and store it in humid environment.
Do not store the product in the environment below:
a.Humid or dusty environment.
b.High density of salt or sulfur.
c.Environment full of the other chemical gas.
d.High temperature or humidity, or environment in direct sunlight.

2) Maintenance:

Please refer to the guaranty card offered.We hold no responsibility for the product due to the following reason: Unauthorized disassembly of the product, improper transportation after purchasing and wrong storage, damage due to abuse, failure to provide purchasing proof or unauthorized amendment on the purchasing invoice/guaranty card.

I. Technical parameters

Sensitivity	10ppm Freon
Testing range	CFC(10~1000)PPM
Sensor Type	Low Power Semiconductor
Warm-up Time	60 seconds(25℃, 60% Rhenvironment)
Response Time	2 seconds
Operation Cycle	Continual Operation
Sensor Size	30cm
Battery Life	Continual Use For 8 Hours(A slight change base on working state)
Low battery indication	3±0.2V
Operating environment temperature:	0~50℃[2]
Power	3*1.5V AAA Alkaline battery
Working current	About 150mA

Product size	68.85*29*132.98mm
Weight	165.5g

[1].LEL stands of low limit for explosion, the lowest content of a combustible gas in air that results in explosion, can be refered to as %LEL.

[2].For precise reading the product can only be operated in the local environment as following.
temperature: 0~50℃(32~120℉)
Relative Humidity:10~90% RH(non-condensing)

⚠ Specific Declarations:

▶Old battery dealing must be complied with the local law and regulations.

▶Our company shall hold no any responisibility resulting from using.
output from this product as an direct or indirect evidence.

▶We reserves the right to modify product design and specification without notice.