Notices

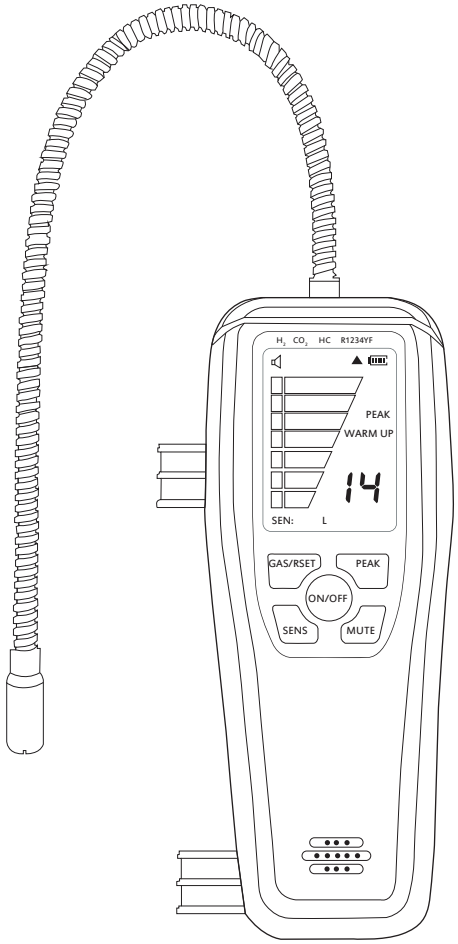
- Do not submerge the product in water or allow water to enter the intake of the probe.
- Do not expose the product to temperatures exceeding 60°C.
- Do not leave the product in direct sunlight for long periods of time.
- Do not dismantle or attempt repairs of the product without authorisation.
- Do not change or replace the included lithium battery.
- Do not leave for more than 6 months without charging the battery to prevent damage.
- Do not use on objects with a charge or appliances connected to a power source.
- Ensure the filter is present and clean before performing a test.
- Ensure there is enough power before performing a test.
- Use only the supplied charging cable.
- Avoid the inhalation of refrigerant vapor. High concentrations are harmful and may lead to coma or death.

Technical Specifications

Video Instruction

APRVTIO

ALD-200 REFRIGERANT LEAK DETECTOR



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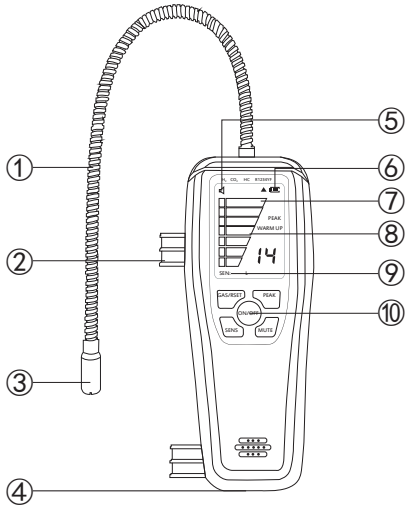
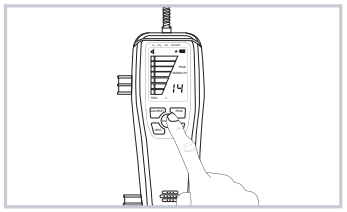
The ALD-200 Refrigerant Leak Detector is a hand-held leak detector that uses the heated diode detection principle. Compared with the traditional leak detector, its sensor has a longer life, higher detection accuracy, easier to operate and can detect a wider range of refrigerants. The ALD-200 has an ergonomic design and a large LCD screen for easy viewing.

Structure

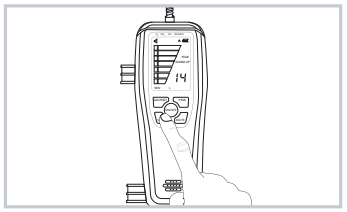
1. Flexible probe
2. Case
3. Probe tip
4. USB Port
5. Buzzer
6. Battery
7. Peak
8. Leak
9. Sensitivity
10. Button



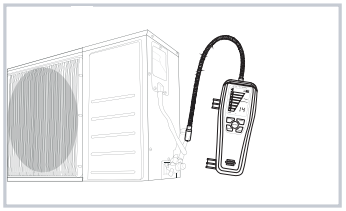
Setup



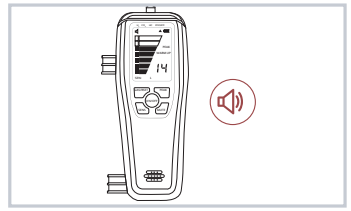
- Check the device has sufficient battery level.Turn on (on/off button) and wait for 30 seconds before testing.



- Adjust the sensitivity (sens).

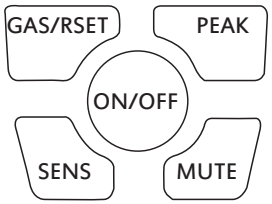


- Slowly move probe (approx 3 inch/sec) at a distance of 0.25 inch near suspected leak area.



- Detection: when a leak is detected, the screen will show the intensity of the leak and audible tone will change to a siren sound.

Key Operation



- ON/OFF key: press the button for 2 seconds to power on/off.
- RSET key: long press the button for 3 seconds to reset sensitivity benchmark.
- PEAK key : press the button to record the maximum value of leakage.
- SENS key: press the button to adjust sensitivity levels. By default sensitivity is set to medium.
- MUTE key: press the button to turn on/off the buzzer.

Specifications

- Sensor type:heated Diode
- Sensor life: 500 hours
- Max sensitivity: 4 g /yr
- Alarm mode: Sound, light and LCD display
- Battery: Built in rechargeable lithium battery 3.7 V 3000 mAh
- Working time: Continuous 6 hours
- Charging time: 4 hours
- Charging current: 5V DC 1A
- Operating environment: -10°C to 52°C /Relative humidity (20% to 85% RH)
- Storage temperature: -20°C to 60°C
- Weight: 415 g
- Dimension: 201x86x38 mm
- Certification: SAE_J1627, SAE_J2791, SAE_J2913, EN14624, 2012 CE Certification

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