

Inframate D Refrigerant Leak Detector



Authorized Distributor
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Elitech Infrared, Farewell Uncertain



2 Sensor
in 1 Unit



Anti-interference
& More Accurate



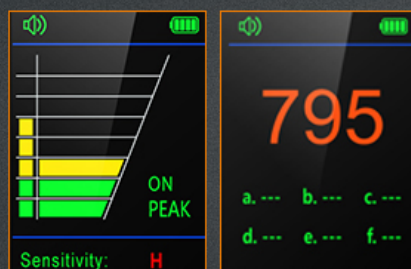
More refrigerants
can be detect



Reach SAE
Standard



Infrared and heated diode mode:



① **MODE:**

Switch infrared sensor and heated diode sensor



② **PEAK:**

Mark or unmark the maximum leak

③ **RESET SENS:**

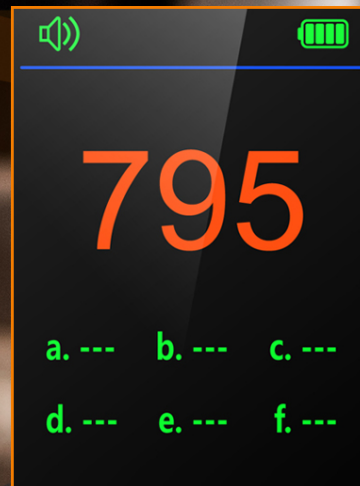
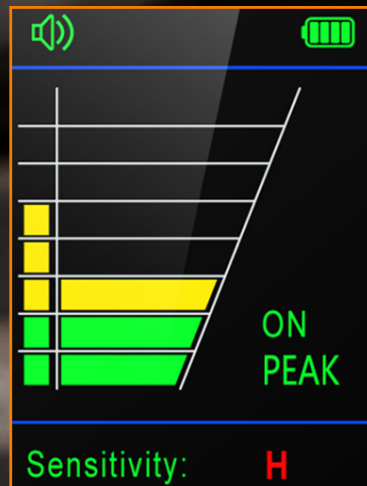
Reset in heated diode mode and adjust sensitivity in infrared mode

④ **MUTE:**

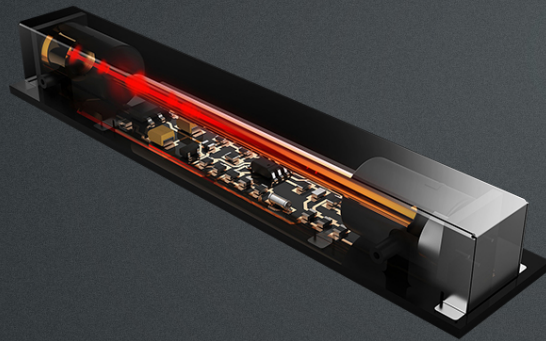
Mute the sound alarm

Two Mode Changeable: Infrared/Heated Diode

2.8" Large Screen, Peak Display
Not Missing any Leakage



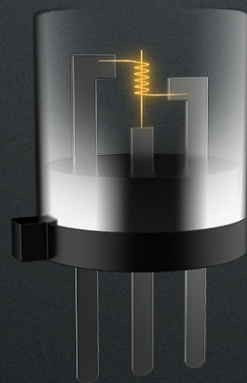
Covering All Application Scenarios, Developed by Local Team in US



Infrared Sensor



Anti-interference, More Accurate
10 Years Life






Heated Diode Sensor



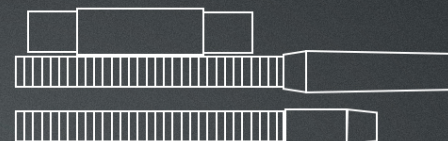
More refrigerants can be detect:
Tracer Gas of 5% H₂/95% N₂ HCs e.g.
R50、 R170、 R290、 R600、 R600a etc.

**Covering All Application Scenarios
Developed by Local Team in US**

	 Infrared	 Heated Diode	 Corona
10 Yrs Sensor Lifetime	✓	×	×
Instant Response	✓	×	×
High Sensitivity	✓	✓	×
Adjustable Sensitivity	✓	✓	✓
Automatic Zero	✓	✓	×
Peak Display	✓	×	×
UV Light	✓	✓	✓



Probe length



9.84in+9.84in(extended)

Weight:



1 lbs

- Sensitivity: 3g/yr(0.1oz/yr)
- Response Time: Immediate
- Working Temperature Range:
-10°C~ 52°C
- Meet EN14624, SAE-2791 and
SAE-2913 standards
- CE Certificate

Advanced Refrigerant Leak Detector, Awesome HVAC/R Job Partner



Anti-interference

More Accurate Detection Results. Minimize false alarms from other chemicals.

Pump Suction

No direct-contact with refrigerants. Longer life than heated diode.

Detect More Refrigerants

Detect All Halogenated and Hydrocarbon Refrigerants. HFCs, HCFCs, CFCs, PFCs, HFOs, HCs.

Zero Point Calibration

Reset to max sensitivity in clean air. Reset to current sensitivity in refrigerants environment to detect higher concentration leakages.

Product Details

Detection Gases	HFCs, HCFCs, CFCs, PFCs, HFOs, HCs
Alarm Mode	Audible and visual alarm; TFT indication
Auto OFF	After 10 minutes of inactivity
Working Hours	8h continuous use on a single charge
Operating Environment	Temperature: -10°C~ 52°C; Humidity: ≤ 90%RH (non-condensing)
Dimensions	201 x 72 x 35mm(7.9"x2.8" x1.4")

Weight	450g (1 lb)
Charging Voltage/Current	DC 5V, 1A
Charging Time	Approx 4h
Battery	2 x 18650 lithium battery
Package included	1 x Leak Detector, 1 x UV LED, 1 x User Manual, 1 x Plastic Case, 1 x Adapter, 1 x Charging Cable, 5 x Replacement Filter, 1 x Replacement Probe

Detect All Halogenated Refrigerants

**Heated
Diode**

Infrared

HFCs: R134a, R410A, R407C, R417A, R404A, R507, R23, R508A, R508B, R152a, R32 etc.

HCFCs: R22, R123, R124, R141b, R142b, R402A, R402B, R408A, R409A etc.

CFCs: R11, R12, R13, R502, R503 etc.

PFCs: PFC-14, PFC-116, PFC-218 etc.

HFOs: R-1234YF etc.

HCs: R50, R170, R290, R600, R600a etc.