



Test Tools HVACR Pros Trust

Extra Long Life Infrared Sensor

SCL2

Model: SCL2 H28-124



### The Best Way to Detect CO<sub>2</sub> Leaks

The best way to find carbon dioxide leaks is to use infrared sensing technology. Infrared-based leak detectors sense a change in concentration. This sensing technology works great in contaminated ambient conditions. Infrared sensors also last up to 10 years!

Different from heated diode technology, you sweep the suspected leak area until a jump in CO<sub>2</sub> concentration is indicated. Continue past the leak to reset the base level concentration and move back over the leak area to close in on the leak's location.

Find leaks of any size by selecting between 3 sensitivity levels. Focus on following the coil as you listen for the audible alert.



www.fieldpiece.com

### Specifications

Gases Measured	CO <sub>2</sub> (Carbon Dioxide)
Sensing Element	Infrared
Response Time	Less than 1/2 second to 1 second
Sensitivity Levels	HIGH 6g (0.2oz) / year and higher
	MED 14g (0.5oz) / year and higher
	LOW 28g (1.0oz) / year and higher
Accuracy	Meets current SAE standards
Calibration	Automatic
Warm Up Time	30 seconds
Probe Length	380 mm (15 inches)
Extension Lengths	230 mm (9 inches) x 2 (needle, flex)
Battery Chargers	Wall charger and vehicle charger (included)
Battery Type	3.7VDC (nominal) rechargeable lithium ion
Battery Life	Approx. 8 hours if fully charged

## Carbon Dioxide Leak Detector

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## Carbon Dioxide Leak Detector

- Find R-744 refrigerant leaks.
- Long-life sensor made to last up to ten years.
- Three sensitivity levels down to 6g (0.2oz) per year.
- Senses change. Works in contaminated environments.
- Rechargeable lithium ion battery with two chargers.



NEW



### Power Solutions

- 8 hour battery life to last the whole day.
- Auto-off after 10 minutes.
- Rechargeable lithium ion battery.
- Wall charger included.
- Vehicle charger included.

## Quickly Close In On CO<sub>2</sub> Leaks

### Infrared Sensor

Long lasting sensor technology lasts up to 10 years.

### Rechargeable Battery

Work all day (8 hours) on one charge.

### Three Sensitivity Levels

Find carbon dioxide refrigerant leaks with rates as small as 6 grams (0.2 ounces) per year.

### Focused Sensitivity

Meets SAE standard. Auto Re-calibration Senses change in concentration, not absolute concentration to avoid flooded environment triggers.

### Trusted Detection

Doesn't trigger on oil, airflow, moisture, smoke, or quick temperature changes.

### Rubber Clips

Attach the probe to the side of the meter for tidy storage.

### Rugged and Ergonomic

Rubberized boot fits naturally in your hand for comfortable, rugged use.

### And More:

- Audible/LED bar graph indicators.
- Sturdy, non-conductive probe.
- Peak function shows max level.
- Mute button.
- Magnetic hanger.
- Replaceable water-blocking filter.
- Lightweight design.



Moisture Filter

- Keeps water and other contaminants out.
- Easy filter replacement.
- Ten extra filters and five extra O-rings included.

3 Leak Detection

model SCL2